This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

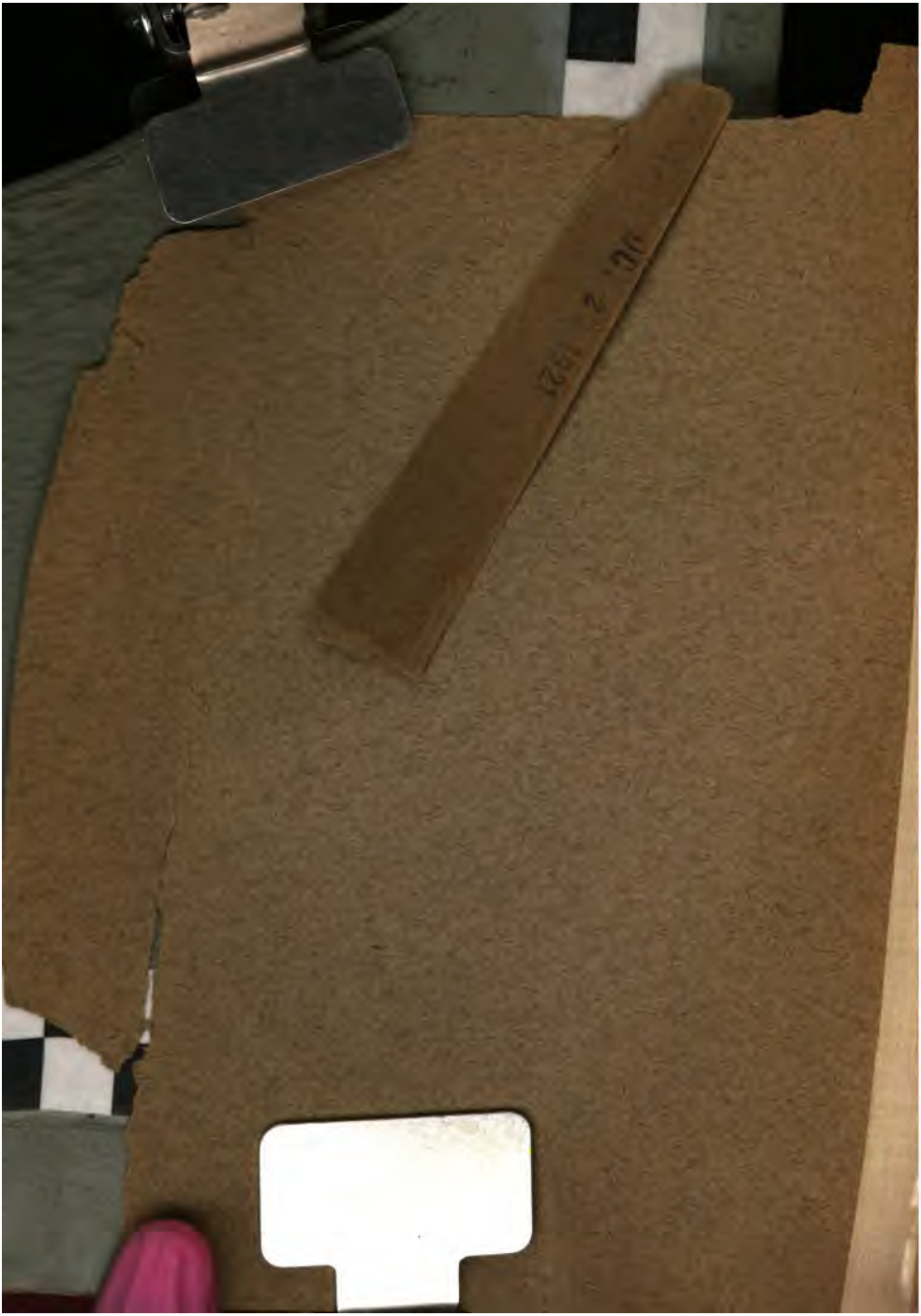
Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`



THE OHIO STATE UNIVERSITY

CATALOG 1920-1921

ANNOUNCEMENTS 1921-1922

JUNE 1921
PUBLISHED BY THE OHIO STATE UNIVERSITY
COLUMBUS

1 O S U G C

CALENDAR 1921

JANUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

FEBRUARY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

MARCH

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

APRIL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

MAY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

JUNE

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JULY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SEPTEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

NOVEMBER

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

CALENDAR 1922

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MARCH

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

APRIL

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MAY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JUNE

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DECEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

UNIVERSITY CALENDAR

1921

Summer Session, Monday, June 20 to Friday, August 12.

Entrance examinations, Tuesday to Saturday, 8 A. M., June 21 to 25.

Entrance examinations, Tuesday to Saturday, 8 A. M., September 6 to 10.

Physical examinations for all new students, Friday to Friday, September 16 to 23.

Registration Day—First Semester—Tuesday, September 20.

President's Annual Address, Wednesday, September 21, 11 A. M.

Intelligence tests for Freshmen in the Engineering College, Thursday and Friday, September 22 and 23, from 10 to 12 A. M.

Intelligence tests for all new students, Saturday, September 24.

Latest date for registration of candidates for a degree at the Commencement in June, 1922, October 1.

Registration Day, Short Courses in Agriculture—First Term—Tuesday, October 18.

Mid-semester reports to the Deans concerning delinquent students, Wednesday, November 9.

Thanksgiving recess begins November 23, 1 P. M., and ends November 29, 8 A. M.

Christmas recess begins Thursday, December 22, 6 P. M.

1922

Christmas recess ends Tuesday, January 3, 8 A. M.

Registration Day, Short Courses in Agriculture—Second Term—Tuesday, January 3.

Final examinations, Wednesday, January 25 to Thursday, February 2.

Farmers' Week, Monday, January 30 to Friday, February 3.

First Semester ends Thursday, February 2, 6 P. M.

SECOND SEMESTER

Registration Day—Second Semester—Tuesday, February 7.

University Day, Wednesday, February 22.

Close of Second Term, Short Courses in Agriculture, Friday, March 17.

Mid-semester reports to the Deans, Wednesday, April 5.

Easter recess, Thursday noon, April 13 to Tuesday, April 18, 8 A. M.

Competitive Drill—Cadet Regiment—Saturday, May 27.

Memorial Day, Tuesday, May 30.

Final examinations, Wednesday, May 31 to Thursday, June 8.

Commencement, Tuesday, June 13.

Summer Session, Monday, June 19 to Friday, August 11.

Entrance examinations, Tuesday, June 20 to Saturday, June 24, 8 A. M.

CONTENTS

	Page
Administration and Organization	84
Administrative Committees	7
Administrative Officers	6
Admission	151
Board of Trustees	5
Buildings	93
Calendar	3, 4
Curricula and Requirements for Graduation	178
Degrees Granted	439
Departments of Instruction	291
Enrollment	662
Faculty and Other Instructors	11
Fees and Expenses	141
General Information	136
Index	665
Laboratories and Equipment	103
Location and History	82
Museums and Libraries	129
Register of Students	462
Requirements for Admission	158
Standing Committees	80

ADMINISTRATION

BOARD OF TRUSTEES

1920-1921

	Original Appointment	Term Expires
John F. Cunningham, Cleveland	Jan. 25, 1915	May 13, 1921
John Kaiser, Marietta	Feb. 25, 1915	May 13, 1922
Charles F. Kettering, Dayton	Mar. 21, 1917	May 13, 1923
Guy W. Mallon, Cincinnati	June 22, 1918	May 13, 1924
Oscar E. Bradfute, Xenia	June 22, 1918	May 13, 1925
Thomas C. Mendenhall, Ravenna	June 16, 1919	May 13, 1926
Benjamin F. McCann, Dayton	May 13, 1913	May 13, 1927

OFFICERS

JOHN F. CUNNINGHAM ..... *Chairman*
JOHN KAISER ..... *Vice-Chairman*
CARL E. STEEB ..... *Secretary*
JULIUS F. STONE ..... *Treasurer*

ADMINISTRATIVE OFFICERS

WILLIAM OXLEY THOMPSON, D. D., LL. D.....President
Office: University Hall—99312; N. 476
Residence: University Grounds—2056

CARL E. STEEB, B. Ph.....
Secretary of the Board of Trustees and Business Manager
Office: University Hall (East End)—99332; N. 32
Residence: 1956 Iuka Ave.—5835

EDITH D. COCKINS, B. A.....Registrar, University Editor, and Secretary of the University Faculty
Office: 100 University Hall—99314
Residence: 1348 Neil Ave.—16310

BLAND L. STRADLEY, B. A. .....University Examiner
Office: 107 University Hall—99353; N. 939
Residence: 1778 North High St.—11229

KATHERINE A. VOGEL .....Executive Clerk
Office: University Hall—99312; N. 476
Residence: 209 South Monroe Ave.—E. 2356

CHARLES A. KUNTZ .....Comptroller
Office: University Hall (East End)—99332; N. 32
Residence: 2087 Peasley St.—N. 5118

FLORIS D. HANE .....Acting Cashier
Office: University Hall (East End)—99332; N. 32
Residence: 1755 North Fourth St.—11954

ELISABETH CONRAD, Ph. D. .....Dean of Women
Office: 201 Home Economics Building—99367; N. 5876
Residence: 1981 Indianola Ave.—11252

JOSEPHINE MATTHEWS, B. Sc. (Dom. Sci.).....
.....House Superintendent, Oxley Hall
Office and Residence: Oxley Hall—99352; N. 4146

EDWARD S. DRAKE .....Manager of Ohio Union
Office and Residence: Ohio Union—99359, one ring; N. 9073

WILLIAM C. MCCRACKEN .....
.....Superintendent of Operation and Maintenance
Office: Service Building—99311; N. 718
Residence: 8 West Woodruff Ave.—11823

JOSEPH N. BRADFORD, M. E.....University Architect
Office: 100 Brown Hall—99361
Residence: 55 East Oakland Ave.—14844

RAY M. ROYER .....Purchasing Agent
Office: University Hall (East End)—99374; N. 3222
Residence: 1828 Arlington Ave., Upper Arlington—H. 3184

FREDERICK E. JONES .....Receiving Clerk
Office: Stores and Receiving Dept.—99354; N. 3813
Residence: 255 Oakland Park Ave.—N. 7246

ADMINISTRATIVE COMMITTEES

The Entrance Board

University Examiner ..... BLAND L. STRADLEY
Office: 107 University Hall—99353; N. 939

The Appointment Committee

Chairman ..... JOHN L. CLIFTON
Office: 211 University Hall—99375

The Publication Board

Chairman ..... THE PRESIDENT
Secretary ..... EDITH D. COCKINS
Office: 100 University Hall—99314

Committee on Amusements and Receptions

Chairman ..... JOSEPH S. MYERS
Office: 226 Shops Building—99362; Campus 527

The Ohio State University Association

Secretary ..... J. LEWIS MORRILL
Office: Ohio Union—99350
Residence: 1517 Perry St.—16602

THE COLLEGES

The Graduate School

Dean ..... WILLIAM MCPHERSON
Office: 204 University Hall—99399
Residence: 198 Sixteenth Ave.—11279

Secretary ..... GEORGE M. BOLLING
Office: 204 University Hall—99399
Residence: 777 Franklin Ave.—3541

College of Agriculture

Dean ..... ALFRED VIVIAN
Office: 100 Townshend Hall—99328; N. 2206
Residence: 1778 N. High St.—11341

Secretary ..... TRUE G. WATSON
Office: 100 Townshend Hall—99328; N. 2206; Campus 431
Residence: 1461 Inglis Ave.—H. 1424

College of Arts, Philosophy and Science

Dean ..... JOSEPH V. DENNEY
Office: 200 University Hall—99341
Residence: 230 W. Tenth Ave.—16322

Secretary ..... EMERY W. BALDUF
Office: 200 University Hall—99341
Residence: 114 W. Frambes Ave.—N. 9364

College of Commerce and Journalism

Dean ..... JAMES E. HAGERTY
Office: 103 Page Hall—99382
Residence: 94 Fifteenth Ave.—11097

Secretary ..... FELIX E. HELD
Office: 103 Page Hall—99382
Residence: 1487 Perry St.—16208

College of Dentistry

Dean ..... HARRY M. SEMANS
Office: Medical College, Park St.—7767, two rings
Residence: Ashland Ave. and Merrick Rd., Grandview Heights—10648

Secretary ..... HARVEY V. COTTRELL
Office: Medical College, Park St.—7767, two rings
Residence: Dunedin Road—12502

College of Education

Dean ..... GEORGE F. ARPS
Office: 211 University Hall—99375
Residence: 216 E. Lane Ave.—11303

Secretary ..... CLARENCE E. ERFFMEYER
Office: 211 University Hall—99375
Residence: 1920 N. High St.—11265

College of Engineering

Dean ..... EMBURY A. HITCHCOCK
Office: 131 Lord Hall—99331
Residence: 348 W. Eighth Ave.—16032; N. 4585

Secretary ..... ROBERT MEIKLEJOHN
Office: 131 Lord Hall—99331
Residence: 419 W. Ninth Ave.—16286

College of Homoeopathic Medicine

Dean ..... CLAUDE A. BURRETT
Office: 209 Horticulture Building—99372
Residence: 1948 Iuka Ave.—11253; N. 5453

Secretary ..... ALBERT E. HINSDALE
Office: 209 Horticulture Building—99372; Campus 430
Residence: 1906 N. High St.—N. 6872

College of Law

Dean ..... JOHN J. ADAMS
Office: 113 Page Hall—99335
Residence: 40 S. Monroe Ave.—5312

Secretary ..... ALONZO H. TUTTLE
Office: 113 Page Hall—99335; Campus 416
Residence: 2051 N. Fourth St.—N. 1211

College of Medicine

Dean ..... EUGENE F. MCCAMPBELL
Office: Medical College, Park St.—3285; M. 5707
Residence: 168 Twelfth Ave.—11983; N. 1499

Secretary ..... FRANCIS L. LANDACRE
Office: Medical College, Park St.—3285; M. 5707
Residence: 2026 Iuka Ave.—11315

College of Pharmacy

Acting Dean ..... CLAIR A. DYE
Office: 109 Chemistry Building—99315, three rings; Campus 442
Residence: 1569 Worthington St.—16356

Secretary ..... CLARENCE M. BROWN
Office: 109 Chemistry Building—99315, three rings; Campus 442
Residence: 2586 Summit St.

College of Veterinary Medicine

Dean ..... DAVID S. WHITE
Office: Veterinary Laboratory—99336
Residence: 1656 Neil Ave.—10570

Secretary ..... OSCAR V. BRUMLEY
Office: Veterinary Clinic—99337; N. 3571
Residence: 120 Fifteenth Ave.—11623

THE UNIVERSITY FACULTY AND OTHER INSTRUCTORS

1920-1921

WILLIAM OXLEY THOMPSON, A. M., D. D., LL. D..... University Grounds
President of the University, 1899
Date of appointment, 1899

THOMAS CORWIN MENDENHALL, Ph. D., D. Sc., LL. D...Ravenna
Emeritus Professor of Physics, 1903
Professor of Physics and Mechanics, 1873-1878; Professor of Physics, 1881-1884; Editor of the History of the University, January 7, 1918; Member of the Board of Trustees, June 16, 1919

WILLIAM HENRY SCOTT, M. A., LL. D...3451 North High Street
Emeritus Professor of Philosophy, 1910
President of the University and Professor of Philosophy, 1883-1895; Professor of Philosophy, 1895-1910

JOHN JAY ADAMS, A. M., LL. D.....40 South Monroe Avenue
Professor of Law and Dean of the College of Law, 1909
Date of first appointment, 1909

MAUDE GREGORY ADAMS, B. Sc. in Edu.....20 Thirteenth Avenue
Assistant Professor of Home Economics, 1919
Date of first appointment, 1915

JOHN B. ALCORN, M. D.....185 East State Street
Instructor in Ophthalmology, 1918
Date of first appointment, 1914

RYLLIS CLAIR ALEXANDER, B. A. .....1991 Arlington Ave., Upper Arlington
Assistant in English, 1920
Date of first appointment, 1920

EMORY FREDERICK ALMY, M. Sc. .....341 West Ninth Avenue
Assistant in Agricultural Chemistry and Soils, 1919
Date of first appointment, 1919

LEWIS FLINT ANDERSON, M. A., Ph. D....1250 Arlington Avenue
Professor of the History and Philosophy of Education, 1914
Date of first appointment, 1914

CLARENCE EDWARD ANDREWS, A. M., Ph. D. .....
.....1477 Worthington Street
Assistant Professor of English, 1915
Date of first appointment, 1915

CHARLES LINCOLN ARNOLD, M. Sc.....328 West Eighth Avenue
Associate Professor of Mathematics, 1908
Date of first appointment, 1890

GEORGE FREDERICK ARPS, A. M., Ph. D....216 East Lane Avenue
Professor of Psychology, 1912; Dean of the College of Education, 1920
Date of first appointment, 1912

BERTHA PEELE ARTHUR, M. A.....34 West Oakland Avenue
Instructor in Romance Languages, 1920
Date of first appointment, 1912-1913; second appointment, 1918-1919; third appointment, 1920

ALBERT EDWIN AVEY, M. A., Ph. D...115 West Eleventh Avenue
Assistant Professor of Philosophy, 1917
Date of first appointment, 1917

ROLLO CLYDE BAKER, M. A.....2460 North High Street
Instructor in Anatomy, 1918
Date of first appointment, 1917

HUGH ALLEN BALDWIN, M. D. .....347 East State Street
Instructor in Genito-Urinary Surgery, 1916
Date of first appointment, 1915

HERMAN JESSE BANKSTON, JR., B. Sc..208 East Frambes Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

GRACE MARIE BAREIS, Ph. D.....201 West Eleventh Avenue
Assistant Professor of Mathematics, 1908
Date of first appointment, 1908

ADELAIDE P. BARER, B. A.....1437 Neil Avenue
Assistant in Home Economics, 1919
Date of first appointment, 1919

WILLIAM MORTON BARROWS, S. M., S. D.....383 King Avenue
Assistant Professor of Zoology and Entomology, 1909
Date of first appointment, 1909

PAUL A. BARRY, Captain, Inf., U. S. A., (Retired).....
..... Columbus Barracks
Assistant Professor of Military Science and Tactics, April, 1921
Date of first appointment, April, 1921

EARL HAYES BAXTER, B. A., M. D.....309 King Avenue
Instructor in Internal Medicine, 1919
Date of first appointment, 1918

ELLEN KATHERINE BAZORE, B. Sc. in H. E.....1028 Neil Avenue
Instructor in Home Economics (Part-time), February, 1921
Date of first appointment, February, 1921

FIRMAN EDWARD BEAR, M. Sc., Ph. D....418 West Ninth Avenue
Professor of Agricultural Chemistry and Soils, 1916
Date of first appointment, 1916

HARRY MILLARD BEATTY, M. A.....2359 Summit Street
Assistant Professor of Mathematics, 1919
Date of first appointment, 1918

HUGH GIBSON BEATTY, M. D.....327 East State Street
Assistant Professor of Oto-Laryngology, 1920
Date of first appointment, 1914

EDWIN LONG BECK, B. A.....2651 Summit Street
Professor of English, 1920
Date of first appointment, 1908-1909; second appointment, February, 1911

THEODORE NAUM BECKMAN, B. Sc. in Bus. Admr.....
..... 79 West Third Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

CLEMENT M. BEEM .....17 University Place
Instructor in Pattern-making and Founding, 1908
Date of first appointment, 1904

RALPH C. BENNER, 1st Lieutenant, F. A., U. S. A.....
.....2045 Waldeck Avenue
Assistant Professor of Military Science and Tactics, 1919
Date of first appointment, 1919

LESLIE LAWSON BIGELOW, A. B., M. D.....185 East State Street
Assistant Professor of Surgery, 1916
Date of first appointment, 1914

ESTHER LAURA BIGGER, A. M.....124 West Ninth Avenue
Instructor in Romance Languages, 1920
Date of first appointment, 1920

HAROLD G. BILLINGSLEY, B. Sc. in Bus. Admr.....
.....58 East Woodruff Avenue
Assistant in Economics and Sociology, February, 1921
Date of first appointment, February, 1921

FREDERIC COLUMBUS BLAKE, Ph. D.....2107 Iuka Avenue
Professor of Physics, 1912
Date of first appointment, 1907

HALBERT BRUSH BLAKEY, S. B., M. D...129 South Grant Avenue
Assistant Professor of Medicine, 1916
Date of first appointment, 1914

FOREST IRA BLANCHARD, B. A., B. S. in Ec.....
.....217 West Eleventh Avenue
Instructor in Economics and Sociology (Economic Geography), October, 1919
Date of first appointment, 1919

ALBERT MARTIN BLEILE, M. D. .....218 King Avenue
Professor of Physiology, 1914
Date of first appointment, 1891

LEONARD BLOOMFIELD, Ph. D. .....467 West Fourth Avenue
Professor of German and Linguistics, February, 1921
Date of first appointment, February, 1921

ROSSER DANIEL BOHANNAN, B. Sc., C. E., E. M.....
.....226 Sixteenth Avenue
Professor of Mathematics, 1895
Date of first appointment, 1887

GEORGE MELVILLE BOLLING, Ph. D. .....777 Franklin Avenue
Professor of Greek Language and Literature, 1914
Date of first appointment, 1914

CECIL E. BOORD, M. A., Ph. D. .....417 Thirteenth Avenue
Assistant Professor of Chemistry, 1914
Date of first appointment, 1909

HELEN PATTERSON BOOTH, B. Sc. in H. E., B. Sc. in Edu.....
.....1326 Wesley Avenue
Instructor in Home Economics, 1920
Date of first appointment, 1920

HAROLD LAMONT BORST, M. S.....222 East Eleventh Avenue
Instructor in Farm Crops, 1920
Date of first appointment, 1920

IRWIN A. BOTTENHORN, D. D. S., M. D...15 West Goodale Street
Instructor in Dental Pathology, 1915
Date of first appointment, 1915

JACOB BOWERS, B. S., B. A. .....141 West Ninth Avenue
Instructor in Mathematics, March, 1921
Date of first appointment, March, 1921

JOHN ADAMS BOWNOCKER, D. Sc. .....185 Fifteenth Avenue
Professor of Geology, 1917
Date of first appointment, 1895

JAMES ELLSWORTH BOYD, M. S. .....188 East Frambes Avenue
Professor of Mechanics, 1906
Date of first appointment, 1891-1895; second appointment, 1896

K. LOUISE BOYENTON, B. A., B. Sc. in H. E.....
.....442 West Seventh Avenue
Assistant in Home Economics, 1919
Date of first appointment, 1919

JOSEPH NELSON BRADFORD, M. E. .....55 East Oakland Avenue
Professor of Architecture and University Architect, 1912
Date of first appointment, 1885

HARLEY O. BRATTON, M. D. .....188 East State Street
Instructor in Medicine (Genito-Urinary Diseases), 1916
Date of first appointment, 1914

WAYNE BREHM, M. D. .....677 North High Street
Instructor in Obstetrics, 1916
Date of first appointment, 1914

JAMES WINFRED BRIDGES, A. M., Ph. D.....2124 Indiana Avenue
Assistant Professor of Psychology, 1917
Date of first appointment, 1915

CLARENCE IRVIN BRITT .....Grant Hospital
Assistant in Anatomy, 1919
Date of first appointment, 1919

AGNES EWING BROWN, M. A. .....15 Indianola Court
Instructor in Romance Languages, 1919
Date of first appointment, 1919

AUBREY I. BROWN, M. E. .....412 West Eighth Avenue
Assistant Professor of Steam Engineering, 1918
Date of first appointment, 1912-1917; second appointment, 1918

CLARENCE MERTON BROWN, B. Sc. in Phar....2586 Summit Street
Assistant Professor of Pharmacy, 1920
Date of first appointment, 1920

JOHN EDWIN BROWN, A. M., M. D., D. Sc..370 East Town Street
Professor of Oto-Laryngology, 1916
Date of first appointment, 1914

MARY LOUISE BROWN, A. M. .....222 King Avenue
Assistant in Economics and Sociology and Housing Assistant to the Dean of Women, 1920
Date of first appointment, 1920

RAY BROWN .....181 King Avenue
Laboratory Assistant in Bacteriology, 1920
Date of first appointment, 1920

ROY ATKINSON BROWN, M. E. in E. E.....2074 Peasley Street
Assistant Professor of Electrical Engineering, 1912
Date of first appointment, 1912

SAMUEL WINDSOR BROWN, Ph. D. .....22 Twelfth Avenue
Professor of School Administration, 1914
Date of first appointment, 1914

W. BYRON BROWN, A. B. .....205 East Norwich Avenue
Instructor in Physics, 1920
Date of first appointment, 1920

OSCAR VICTOR BRUMLEY .....120 Fifteenth Avenue
Professor of Veterinary Surgery and Director of Veterinary Clinics, 1910
Date of first appointment, 1898

PAUL BUCHER, B. M. E. .....2091 Peasley Street
Instructor in Mechanical Engineering, 1918
Date of first appointment, 1918

EDWARD CARROLL BUCK, M. D. .....895 Dennison Avenue
Assistant Professor of Anatomy, 1914
Date of first appointment, 1914

CALVIN ADAM BUEHLER, B. Ch. E., M. Sc...1943 Waldeck Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

JOSEPH RAYMOND BURKEY, C. E.....1639 Greenway Avenue
Substitute Professor of Structural Engineering, 1920
Date of first appointment, 1920

WHITTIER BURNET, M. A. .....90 West Tompkins Street
Instructor in English, 1919
Date of first appointment, 1919

ROBIN CHARLES BURRELL, B. S. .....67 East Woodruff Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

CLAUDE ADELBERT BURRETT, Ph. B., M. D.....1948 Iuka Avenue
Professor of Surgery and Clinical Surgery and Dean of the College of Homoeopathic Medicine, 1914
Date of first appointment, 1914

GLENN V. BURROUGHS, Ph. D. .....1410 Pennsylvania Avenue
Instructor in European History, 1919
Date of first appointment, 1919

DOROTHY WALTERS BURTON, M. Sc. .....2300 Indianola Avenue
Assistant in Anatomy, 1920
Date of first appointment, 1920

HAROLD ERNEST BURTT, A. M., Ph. D.....2402 Indiana Avenue
Assistant Professor of Psychology, 1920
Date of first appointment, 1919

M. JEANNETTE BUTLER, B. S. .....90 Thirteenth Avenue
Instructor in Home Economics, 1920
Date of first appointment, 1920

FRANCIS CARY CALDWELL, A. B., M. E.....206 Sixteenth Avenue
Professor of Electrical Engineering, 1901
Date of first appointment, 1893

*HAZEL C. CAMERON, B. Sc. in Dom. Sci...710 North Park Street
Instructor in Pathology, 1920
Date of first appointment, 1916

VAUGHN BENJAMIN CARIS, B. A. .....1244 Harrison Avenue
Instructor in Mathematics, 1920
Date of first appointment, 1920

J. ERNEST CARMAN, M. Di., Ph. D.....277 Fourteenth Avenue
Professor of Geology and Curator of the Museum, 1917
Date of first appointment, 1916

WILLARD BRYANT CARPENTER, A. M., M. D...102 Buttles Avenue
Lecturer on Diseases of the Nervous System, January, 1915
Date of first appointment, January, 1915

HAROLD KENNERLY CASTERTON, B. Sc. in Bus. Admr.....
.....157 East First Avenue
Assistant in Economics and Sociology, February, 1921
Date of first appointment, February, 1921

FRANK RILEY CASTLEMAN, B. S.....161 East Frambes Avenue
Professor of Physical Education, 1915
Date of first appointment, 1913

ALBERT RICHARD CHANDLER, A. M., Ph. D.....
.....241 West Eleventh Avenue
Assistant Professor of Philosophy, 1914
Date of first appointment, 1914

FREDERICK GROVER CHARLES, B. Sc. in Agr...127 Twelfth Avenue
Instructor in Horticulture, 1918
Date of first appointment, 1918

LAURA MERRILL CHASSELL, M. A., Ph. D..166 East Lane Avenue
Instructor in Psychology, 1920
Date of first appointment, 1920

CHARLES ST. JOHN CHUBB, JR., C. E. in Arch.....
.....237 Seventeenth Avenue
Professor of Architecture, 1913
Date of first appointment, 1907

EDWIN LEAVITT CLARKE, A. M., Ph. D....18 Seventeenth Avenue
Instructor in Economics and Sociology (Immigration, Race Problems), 1919
Date of first appointment, 1919

*Resigned April 1, 1921.

JOHN LEROY CLIFTON, B. S. Edu.....1852 Summit Street
Professor of Principles and Practice of Education, 1917
Date of first appointment, February, 1916

SAMUEL HENRY COBB, A. B., B. P. E.....295 Fourteenth Avenue
Instructor in Physical Education, February, 1920
Date of first appointment, February, 1920

EDWIN F. CODDINGTON, C. E., M. Sc., Ph. D.....
.....1751 Roxbury Road, Upper Arlington
Professor of Mechanics, 1912
Date of first appointment, 1902

JOEL SIMMONDS COFFEY, B. S.....181 West Eighth Avenue
Professor of Animal Husbandry, 1918
Date of first appointment, 1914

JOHN WILKINSON COGSWELL, B. S., M. D.....
.....345 East Eleventh Avenue
Professor of Gynecology and Obstetrics, 1920
Date of first appointment, 1920

FRANCIS WILLIAM COKER, Ph. D.....398 West Ninth Avenue
Professor of Political Science, 1914
Date of first appointment, 1911

ALFRED DODGE COLE, M. A. .....1648 Neil Avenue
Professor of Physics, 1908
Date of first appointment, 1901-1907; second appointment, 1908

ARTHUR CHARLES COLE, M. A., Ph. D.....2607 Glen Echo Drive
Professor of American History, 1920
Date of first appointment, 1920

ROBERT WILLOUGHBY COLLINS, M. Sc..142 East Eleventh Avenue
Assistant in Chemistry (Half-time), 1919
Date of first appointment, 1919

CLIFFORD TREMAIN CONKLIN, B. Sc. in Agr..1960 Summit Street
Assistant Professor of Animal Husbandry, 1919
Date of first appointment, 1916

ELISABETH CONRAD, M. A., Ph. D.....1981 Indianola Avenue
Assistant Professor of Romance Languages and Dean of Women, 1919
Date of first appointment, 1919

GUY WOOLARD CONREY, M. A.....1558 Belmont Avenue
Instructor in Agricultural Chemistry and Soils, February, 1917
Date of first appointment, February, 1917

WYLIE THOMAS CONWAY, Lieut. Colonel, U. S. A., (Retired)
.....682 East Broad Street
Assistant Professor of Military Science and Tactics, 1920
Date of first appointment, 1920

JACOB JONES COONS, B. S., M. D.....370 East Town Street
Assistant Professor of Medicine, 1914
Date of first appointment, 1914

WALLING CORWIN, B. Sc. in Agr.....22 West Woodruff Avenue
Assistant in Farm Crops, 1919
Date of first appointment, 1919

HARVEY V. COTTRELL, D. D. S.....403 Hartman Building
Professor of Prosthetic Dentistry, 1914
Date of first appointment, 1914

CARLISLE BARKSDALE COX, Captain, Cav., U. S. A.....
.....23 Sixteenth Avenue
Assistant Professor of Military Science and Tactics, 1920
Date of first appointment, 1920

ERMINA STEWART COX, B. Sc. .....43 Eighteenth Avenue
Assistant in Chemistry, 1919
Date of first appointment, 1919

GENEVIEVE LENORE COY, A. M.....37 Fourteenth Avenue
Instructor in Psychology, 1917
Date of first appointment, 1917

JOHN S. CRABB .....325 West Tenth Avenue
Assistant in Botany, January, 1917
Date of first appointment, January, 1917

J. FOREST CRAIG, M. A.....342 East Eleventh Avenue
Instructor in English, 1913
Date of first appointment, 1913

HARRY WOLVEN CRANE, A. M., Ph. D.....1827 Summit Street
Assistant Professor of Psychology, 1918
Date of first appointment, February, 1915

RALPH RAEBURN CROSS, A. B.....Grove City
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

FREDERICK E. CROXTON, B. A.....1430 Neil Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

GOLDEN NORMAN DAGGER, M. A.....27 Alhambra Court
Assistant in Economics and Sociology, March, 1920
Date of first appointment, 1915-1917; second appointment, March, 1920

MORGAN CRYDER DAVIES, Cert. in Applied Optics.....
.....2200 Waldeck Avenue
Instructor in Applied Optics, 1920
Date of first appointment, 1920

DANA JAMES DEMOREST, B. Sc. in Chem. Engr.....
.....24 West Patterson Avenue
Professor of Metallurgy, 1913
Date of first appointment, 1908

ULYSSES WALLACE DENMAN .....423 Clinton Street
Instructor in Woodworking, 1916
Date of first appointment, 1908

JOSEPH VILLIERS DENNEY, M. A.....230 West Tenth Avenue
Professor of English, 1904; Dean of the College of Arts, Philosophy and Science, 1901
Date of first appointment, 1891

*SAMUEL CARROLL DERBY, A. M.....93 Fifteenth Avenue
Professor of Latin, 1881
Date of first appointment, 1881

CHARLES A. DICE, A. M.....224 East Northwood Avenue
Assistant Professor of Economics and Sociology (Money, Banking, Investments), 1919
Date of first appointment, 1919

VERNE ADAMS DODD, M. D.....99 Thirteenth Avenue
Assistant Professor of Surgery and Gynecology, 1916
Date of first appointment, 1914

VERONA MAE DOLLINGER, M. A.....1806 North High Street
Instructor in English, 1917
Date of first appointment, 1915

*Died March 28, 1921.

MAYNARD M. DONALDSON, B. A., B. Sc. in Bus. Admr.....
.....204 Fifteenth Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

ALICE MARGARET DONNELLY, B. S.....15 Indianola Court
Instructor in Home Economics, 1919
Date of first appointment, 1919

HARRY D. DRAIN, B. Sc. in Agr. .....36 West Eighth Avenue
Instructor in Dairying, 1920
Date of first appointment, 1920

AGNES DRURY, M. A.....9 Huston-Fergus Court
Assistant in Economics and Sociology, 1919
Date of first appointment, 1916-1917; second appointment, 1919

WALTER E. DUFFEE, G. Ph., M. D.....874 Dennison Avenue
Instructor in Obstetrics, 1920
Date of first appointment, February, 1919

FAY AUSTIN DUN, B. M. E.....132 West Norwich Avenue
Instructor in Mechanical Engineering, February, 1921
Date of first appointment, February, 1921

MERLE LEROY DUNDON, B. S.....67 East Woodruff Avenue
Assistant in Chemistry, 1919
Date of first appointment, 1919

RALPH WENDLE DUNKLE .....343 West First Avenue
Instructor in Engineering Drawing, February, 1921
Date of first appointment, February, 1921

GEORGIANA E. DUNN, B. S.....163 West Ninth Avenue
Instructor in Home Economics (Part-time), 1920
Date of first appointment, 1920

EDWIN POE DURRANT, A. M.....Westerville
Instructor in Physiology, Physiological Chemistry and Pharmacology, 1916
Date of first appointment, 1909

CLAIR ALBERT DYE, G. Ph., Ph. D.....1569 Worthington Street
Professor of Pharmacy, 1909; Acting Dean of the College of Pharmacy, 1915
Date of first appointment, 1890

ROBERT F. EARHART, Ph. D.....371 West Tenth Avenue
Professor of Physics, 1912
Date of first appointment, 1903

GEORGE WENDELL ECKELBERRY, M. A., C. P. A.....
.....303 West Eighth Avenue
Assistant Professor of Economics and Sociology, 1920
Date of first appointment, 1915 to February, 1917; second appointment, 1917-1918; third appointment, February to July, 1919; fourth appointment, February, 1920

SAMUEL DAVID EDELMAN, M. D.....640 East Main Street
Assistant in Medicine (Pediatrics), 1916
Date of first appointment, 1916

RACHEL EDGAR, M. Sc.....9 University Place
Assistant in Agricultural Chemistry and Soils, 1918
Date of first appointment, 1918

BERTHOLD AUGUST EISENLOHR, M. A..1483 Pennsylvania Avenue
Professor of German, 1912
Date of first appointment, 1896-1897; second appointment, 1901

WALLACE STEDMAN ELDEN, A. M., Ph. D....1734 Summit Street
Professor of Latin, 1912
Date of first appointment, 1892-1894; second appointment, 1900

PHILIP HOMER ELWOOD, JR., B. S. A.....667 East Town Street
Assistant Professor of Landscape Architecture, 1915
Date of first appointment, 1915

FRANK HARVEY ENO, B. S., C. E.....222 Sixteenth Avenue
Professor of Municipal Engineering, 1905
Date of first appointment, 1902

HENRY ERNEST ERDMAN, Ph. D....145 East Northwood Avenue
Assistant Professor of Rural Economics, 1917
Date of first appointment, 1917

OSCAR ERF, B. Sc. in Agr. .....57 Twelfth Avenue
Professor of Dairying, 1907
Date of first appointment, 1907

ERWIN ALLEN ESPER, M. A.....34 West Patterson Avenue
Instructor in Psychology, 1920
Date of first appointment, 1918

*ETHEL MARIE ESPER, B. A.....34 West Patterson Avenue
Assistant in Greek, 1920
Date of first appointment, 1920

MARSHALL BLAKEMORE EVANS, Ph. D.....Worthington
Professor of German, 1911
Date of first appointment, 1911

WILLIAM LLOYD EVANS, M. Sc., Ph. D.....
.....81 South Champion Avenue
Professor of Chemistry, 1911
Date of first appointment, 1896-1897; second appointment, 1905

JOHN I. FALCONER, M. S., Ph. D....145 East Northwood Avenue
Professor of Rural Economics, 1918
Date of first appointment, 1914

PAUL RANDOLPH FARNSWORTH .....128 West Tenth Avenue
Assistant in Psychology, 1920
Date of first appointment, 1920

JUDSON A. FERREE, M. D.....232 Sixteenth Avenue
Professor of Eye, Ear, Nose, and Throat, 1914
Date of first appointment, 1914

WOOSTER BARD FIELD, C. E. in Arch.....22 East Lane Avenue
Instructor in Engineering Drawing, 1917
Date of first appointment, 1917

JUNE FINDLEY, A. M.....1996 North High Street
Assistant Professor of Home Economics, 1920
Date of first appointment, 1920

KARL THEODORE FINN, B. A.....1361 Franklin Avenue
Assistant in Political Science, March, 1920
Date of first appointment, March, 1920

JOHN ALDEN FISHER .....1510 Perry Street
Professor of Industrial Management, 1920
Date of first appointment, 1920

FRED FLETCHER, M. D. .....283 East State Street
Assistant Professor of Gynecology, 1916
Date of first appointment, 1914

*Resigned February 1, 1921.

HERBERT ERNEST FOREMAN, B. C. E. .....1201 Hunter Avenue
Instructor in Civil Engineering, 1920
Date of first appointment, 1920

CHARLES WILLIAM FOULK, B. A. .....384 King Avenue
Professor of Analytical Chemistry, 1908
Date of first appointment, 1898

HELENE FOURE, B. S. .....121 West Eleventh Avenue
Assistant in Romance Languages, 1920
Date of first appointment, 1920

ROBERT FOURE, B. es L. .....121 West Eleventh Avenue
Instructor in Romance Languages, 1920
Date of first appointment, 1920

JACOB A. FOUST .....148 West Frambes Avenue
Instructor in Forging, 1913
Date of first appointment, 1912

WESLEY GEORGE FRANCE, M. S., Ph. D...325 West Tenth Avenue
Assistant Professor of Physical Chemistry, 1920
Date of first appointment, 1920

THOMAS EWING FRENCH, M. E. .....1778 North High Street
Professor of Engineering Drawing, 1906
Date of first appointment, 1892

WALTER FRENCH, M. A., Ph. D.....1354 Mt. Vernon Avenue
Instructor in English, 1919
Date of first appointment, 1919

JOSEPH M. GALLEN, M. D. .....826 North High Street
Instructor in Surgery, 1916
Date of first appointment, 1914

CARL WARREN GAY, D. V. M., B. S. A.....Worthington
Professor of Animal Husbandry, 1920
Date of first appointment, 1905-1907; second appointment, 1920

JOSEPH LEE GAYLE, B. S. .....140 Chittenden Avenue
Assistant in Agricultural Chemistry and Soils, 1920
Date of first appointment, 1920

DOROTHY S. GIBLING, B. A.....148 Chittenden Avenue
Instructor in Physical Education, 1920
Date of first appointment, 1920

ELIJAH J. GORDON, M. D. .....394 East Town Street
Assistant Professor of Medicine, 1917
Date of first appointment, 1914

LEONARD WHITTLESEY GOSS, D. V. M.....63 Eighteenth Avenue
Professor of Veterinary Pathology, 1920
Date of first appointment, 1920

G. NELSON GRAHAM, B. A. .....1874 North High Street
Instructor in Romance Languages, 1920
Date of first appointment, 1920

WILLIAM C. GRAHAM, D. D. S. .....350 East State Street
Assistant Professor of Dental Medicine, 1917
Date of first appointment, 1914

WILLIAM LUCIUS GRAVES, M. A. .....21 Columbia Court
Professor of English, 1912
Date of first appointment, January, 1896

FLOYD MILTON GREEN, M. D. .....Lenox Hotel
Assistant in Gynecology and Obstetrics, 1920
Date of first appointment, 1919

DONALD MALCOLM GREER, A. M. .....274 Fourteenth Avenue
Instructor in European History, 1920
Date of first appointment, 1920

*ROBERT FISKE GRIGGS, M. A., Ph. D., 241 East North Broadway
Assistant Professor of Botany, 1906
Date of first appointment, 1906

MILDRED BEST GRISMER, B. S. in Com. and Econ. .....
.....1495 Michigan Avenue
Assistant in Economics and Sociology, February, 1921
Date of first appointment, February, 1921

RAYMOND L. GRISMER, A. B. .....1495 Michigan Avenue
Instructor in Romance Languages, 1920
Date of first appointment, 1920

JAMES DANIELS GROSSMAN, G. Ph., D. V. M., 1975 Summit Street
Professor of Veterinary Medicine, 1919
Date of first appointment, 1919

FRED BROWNE GROSVENOR, M. A., M. D. .....72 King Avenue
Professor of Clinical Diagnosis and Clinical Microscopy, 1916
Date of first appointment, 1914

*Resigned February 1, 1921.

SANTIAGO GUTIERREZ, M. A. .....1874 Summit Street
Assistant Professor of Romance Languages, 1919
Date of first appointment, 1917

ELEANOR PEARL HAAS, M. A. .....1550 Neil Avenue
Instructor in English, 1920
Date of first appointment, 1920

EMIL FREDERIC HACKER, M. A., Ph. D.....16 Alhambra Court
Assistant Professor of Romance Languages, 1918
Date of first appointment, 1918

JAMES EDWARD HAGERTY, Ph. D. .....94 Fifteenth Avenue
Professor of Economics and Sociology (Marketing, Criminology) 1904; Dean of the College of Commerce and Journalism, March, 1916
Date of first appointment, 1901

TECLA FIDELIA HALDY .....41 West Frambes Avenue
Assistant in Engineering Drawing, 1919
Date of first appointment, 1919

JOSEPHINE HAMBLIN, B. A., B. Sc. in Edu.....
.....108 East Northwood Avenue
Instructor in Home Economics, 1919
Date of first appointment, 1919

EDWIN A. HAMILTON, A. B., M. D.....150 East Broad Street
Assistant Professor of Surgery, 1916
Date of first appointment, 1914

THEODORE ELY HAMILTON, A. M., Ph. D. .....319 King Avenue
Assistant Professor of Romance Languages, 1909
Date of first appointment, 1909

MATTHEW BROWN HAMMOND, M. L., Ph. D. .....
.....1127 Ashland Avenue, Grandview Heights
Professor of Economics and Sociology (Labor), 1908
Date of first appointment, 1904

EDWARD C. HANFORD, Major, F. A., U. S. A. .....
.....Apt. 12, Bretton Hall, Norwich Ave. and High St.
Assistant Professor of Military Science and Tactics, 1920
Date of first appointment, 1920

SADA ANNIS HARBARGER, A. M. .....375 West Eighth Avenue
Instructor in English, 1919
Date of first appointment, 1919

JOHN CLAYTON HARLOR, B. A. .....1299 Fair Avenue
Assistant in English, 1920
Date of first appointment, 1920

ISAAC B. HARRIS, M. D. .....322 East State Street
Assistant Professor of Clinical Surgery, 1914
Date of first appointment, 1914

FRED HARROLD, B. A. .....76 West Frambes Avenue
Instructor in English (Half-time), March, 1921
Date of first appointment, March, 1921

CARL B. HARROP, E. M....1794 Coventry Road, Upper Arlington
Assistant Professor of Ceramic Engineering, 1913
Date of first appointment, 1910

FRANK H. HASKETT .....380 King Avenue
Instructor in Architecture, 1907
Date of first appointment, 1907

JOSEPH FREDERIC HASKINS, B. Sc. in Chem. .....
.....40 Chittenden Avenue
Assistant in Chemistry, 1919
Date of first appointment, 1919

ELISABETH MARY HATCH, A. M. .....37 Fourteenth Avenue
Instructor in Psychology, 1919
Date of first appointment, 1919

SOLOMON AUGUSTUS HATFIELD, M. D. .....St. Francis Hospital
Assistant Professor of Medicine, 1917
Date of first appointment, 1914

ARTHUR MERLE HAUER, M. D. .....151 East Broad Street
Assistant Professor of Oto-Laryngology, 1920
Date of first appointment, 1914

GEORGE R. HAVENS, Ph. D. .....24 Alhambra Court
Assistant Professor of Romance Languages, 1919
Date of first appointment, 1919

ALPHA FRITZ HAWK, M. D. .....1701 Summit Street
Assistant in Surgery, 1919; Receiving Physician, 1920
Date of first appointment, 1919

GORDON HAYES, M. A., Ph. D. .....1583 Perry Street
Professor of Economics, 1920
Date of first appointment, 1920

EMERY ROE HAYHURST, A. M., M. D., Ph. D. .....
.....1925 Concord Road, Upper Arlington
Professor of Hygiene, February, 1920
Date of first appointment, 1915

CLYDE HOWARD HEBBLE, D. D. S. .....830 South High Street
Assistant Professor of Operative Dentistry, 1917
Date of first appointment, 1914

HERMAN GUSTAVUS HEIL, Ph. B. .....323 West Ninth Avenue
Assistant Professor of Physics, 1917
Date of first appointment, 1905-1906; second appointment, 1909

FELIX E. HELD, M. A., Ph. D. .....1487 Perry Street
Assistant Professor of Economics and Sociology, 1920
Date of first appointment, 1919

RALPH ABBOTT HENDERSHOTT, D. V. M. .....2162 Summit Street
Instructor in Veterinary Medicine, 1920
Date of first appointment, 1917

WILLIAM EDWARDS HENDERSON, Ph. D. ...214 Sixteenth Avenue
Professor of Inorganic and Physical Chemistry, 1908
Date of first appointment, 1899

WILLIAM SAMUEL HENDRIX, M. A. .....423 West Ninth Avenue
Professor of Romance Languages, 1920
Date of first appointment, 1920

FLORENCE HIER, A. B. .....119 East Northwood Avenue
Instructor in Romance Languages, 1918
Date of first appointment, 1918

DARWIN HINDMAN, A. B. .....2067 Indianola Avenue
Instructor in Physical Education, 1920
Date of first appointment, 1920

SAMUEL HINDMAN, M. A., M. D. .....911 North Fourth Street
Instructor in Medicine, 1917
Date of first appointment, 1916

JAMES STEWART HINE, B. Sc. (H. F.) ...363 West Tenth Avenue
Associate Professor of Zoology and Entomology, 1902
Date of first appointment, 1894-1895; second appointment, 1899

ALBERT EUCLID HINSDALE, A. B., M. D...1906 North High Street
Professor of Materia Medica and Clinical Therapeutics, 1914
Date of first appointment, 1914

EMBURY ASBURY HITCHCOCK, M. E. ....348 West Eighth Avenue
Dean of the College of Engineering and Director of the Engineering Experiment Station, 1920
Date of first appointment, 1893-1912; second appointment, 1920

MARY ALICE HITCHCOCK, A. M. .....1524 Wesley Avenue
Assistant in English, 1920
Date of first appointment, 1920

HENRY E. HOAGLAND, Ph. D. .....1486 Michigan Avenue
Professor of Transportation and Public Utilities, 1920
Date of first appointment, 1920

WALTER ROMEO HOBBS, D. V. M.....
.....1122 Lincoln Road, Grandview Heights
Assistant Professor of Veterinary Medicine, 1918
Date of first appointment, 1914

CLARICE SARAH HOBENSACK, M. A. ....64 East Eleventh Avenue
Assistant in Mathematics, 1920
Date of first appointment, 1920

HOMER C. HOCKETT, Ph. D. .....316 West Eighth Avenue
Professor of American History, 1913
Date of first appointment, 1909

ARTHUR WINFRED HODGMAN, A. M., Ph. D.....
.....206 West Tenth Avenue
Professor of Latin, 1912
Date of first appointment, 1896

CHARLES H. HOFFHINE, M. D. .....207 East State Street
Instructor in Ophthalmology, 1920
Date of first appointment, 1920

RALPH WALDO HOFFMAN, Ph. C. .....1609 Hunter Avenue
Assistant in Materia Medica and Therapeutics, 1920
Date of first appointment, 1920

DIO LEWIS HOLL, M. A. .....103 West Eleventh Avenue
Assistant in Mathematics, 1920
Date of first appointment, 1920

MARION HOLLINGSWORTH, M. A., Ph. D..1551 Worthington Street
Assistant Professor of Chemistry, 1919
Date of first appointment, 1914

OSMAN CASTLE HOOPER, A. B. .....212 Jefferson Avenue
Professor of Journalism, February, 1918
Date of first appointment, February, 1918

ELMER GRANT HORTON, B. S., M. D.....Okey Building
Assistant Professor of Medicine (Pediatrics), 1916
Date of first appointment, 1914

ALFRED CARL HOTTES, M. S. in Agr.....2581 North Fourth Street
Assistant Professor of Horticulture, 1916
Date of first appointment, 1916

ROBERT HUGHES .....1316 Wesley Avenue
Assistant in Electrical Engineering, 1920
Date of first appointment, 1920

*WILLIAM ARMINE HUMPHREY, M. D....1674 North High Street
Professor of Diseases of Women, Surgical Gynecology, and Obstetrics, 1914
Date of first appointment, 1914

ROBERT MILLER HUNTER, A. B. .....145 West Eighth Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

RONALD CLIVE HUNTER, B. M. E.....126 East Eleventh Avenue
Assistant in Mechanical Engineering, 1920
Date of first appointment, 1920

CHARLES CLIFFORD HUNTINGTON, M. A., Ph. D. .....
.....1485 Pennsylvania Avenue
Professor of Economics and Sociology (Geography and Commerce), 1913
Date of first appointment, 1909

FREDERICK W. IVES, B. S., M. E.....57 Brighton Road
Professor of Agricultural Engineering, 1918
Date of first appointment, 1910

HAROLD MADISON JACKLIN, B. S. .....
Instructor in Mechanical Engineering, February, 1921
Date of first appointment, February, 1921

FREEMAN STEEL JACOBY, B. S. A. .....422 Glen Echo Court
Professor of Poultry Husbandry, 1918
Date of first appointment, 1911

*Absent on leave, 1920-1921.

CHARLES WILLARD JARVIS, M. A....158 East Northwood Avenue
Instructor in Physics, 1919
Date of first appointment, 1919

RALPH RODOLF JEFFRIES, B. S. .....
.....1077 Westwood Ave., Grandview Heights
Assistant in Horticulture, 1920
Date of first appointment, 1920

EARL GARDNER JONES, D. D. S. .....185 East State Street
Instructor in Orthodontia, 1919
Date of first appointment, 1916

MARGARET E. JONES, M. A. .....164 Thirteenth Avenue
Assistant in Mathematics, 1920
Date of first appointment, 1920

OLIVE JONES, B. A....1797 W. First Avenue, Grandview Heights
Librarian, 1893
Date of first appointment, 1887

WILLIAM SAMUEL JONES, A. B. .....1479 Belmont Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

HORACE JUDD, M. E., M. Sc. .....281 Thirteenth Avenue
Professor of Hydraulic Engineering, 1920
Date of first appointment, 1902

EDGAR BURNETT JUNKERMANN, B. A., M. D. .....
.....138 East State Street
Lecturer on Dermatology, 1919
Date of first appointment, 1919

ANDREW KARSTEN, M. A. .....41 West Frambes Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

FRANK ELWIN KAUFFMAN, 1st Lieutenant, F. A., U. S. A...
.....35 Twelfth Avenue
Assistant Professor of Military Science and Tactics, February, 1920
Date of first appointment, May to October, 1919; second appointment, February, 1920

DONALD J. KAYS, B. Sc. (Agr.) .....1493 Perry Street
Professor of Animal Husbandry, 1914
Date of first appointment, 1912

HORACE STEELE KEIFER, B. A. .....31 Seventeenth Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

JAY GOULD KEISER, B. A., M. D. .....131 East State Street
Lecturer on Orthopedic Surgery, 1920
Date of first appointment, 1916-1918; second appointment, 1920

CHARLES FABENS KELLEY, A. B. .....1951 Summit Street
Professor of Art, 1915
Date of first appointment, 1914

CLARENCE HAMILTON KENNEDY, A. M., Ph. D...341 King Avenue
Instructor in Zoology and Entomology, 1919
Date of first appointment, 1919

VICTOR ALVIN KETCHAM, B. A., LL. B.....199 Webber Road
Professor of English, 1917
Date of first appointment, 1913

ALMA KNAUBER .....93 Fifteenth Avenue
Instructor in Art, 1919
Date of first appointment, 1919

GEORGE WELLS KNIGHT, A. M., Ph. D.....104 Fifteenth Avenue
Professor of American History, 1909
Date of first appointment, 1885

WILLIAM ABNER KNIGHT, M. E. .....206 West Lane Avenue
Professor of Mechanical Practice, 1919
Date of first appointment, 1893

*JOHN R. KNIPFING, A. B. .....
Assistant Professor of European History, 1919
Date of first appointment, 1917

RALPH ALBERT KNOUFF, M. A. .....21 University Place
Instructor in Anatomy, 1917
Date of first appointment, 1915

DON S. KOCHHEISER, B. Sc. in Agr. .....Bellville
Assistant in Dairying, 1919
Date of first appointment, 1919

MARY STORER KOSTIR, M. A. .....19 Huston-Fergus Court
Temporary Instructor in Zoology and Entomology, February, 1921
Date of first appointment, February, 1921

*Absent on leave, 1920-1921.

**WENCEL J. KOSTIR, M. A. .....19 Huston-Fergus Court
Instructor in Zoology and Entomology, 1913
Date of first appointment, 1913

WALTER C. KRAATZ, B. A., M. A. .....1502 Hamlet Street
Assistant in Zoology and Entomology, February, 1921
Date of first appointment, 1919

FREDERIC HARTZLER KRECKER, A. M., Ph. D.....
.....1470 Pennsylvania Avenue
Assistant Professor of Zoology, 1914; Acting Director of the Lake Laboratory, 1916
Date of first appointment, 1914

ROY EDMUND KRIGBAUM, M. D. .....710 North Park Street
Assistant in Obstetrics, 1920
Date of first appointment, 1920

HARRY WALDO KUHN, Ph. D. .....
.....1145 Fairview Avenue, Grandview Heights
Professor of Mathematics, 1908
Date of first appointment, 1901

RAYMOND E. LAMBORN, M. A. .....105 East Frambes Avenue
Instructor in Geology, 1919
Date of first appointment, 1919

FRANCIS LEROY LANDACRE, Ph. D. .....2026 Iuka Avenue
Professor of Anatomy, 1914
Date of first appointment, 1895

CARNEY LANDIS .....4 West Woodruff Avenue
Laboratory Assistant in Psychology, 1920
Date of first appointment, 1920

*FREDERICK C. LANDSITTEL, M. S. Ed. .....1992 Summit Street
Assistant Professor of Principles and Practice of Education and High School Inspector, 1918
Date of first appointment, 1918

FAITH R. LANMAN, B. Sc. in H. E., B. S. in Ped. .....
.....1447 Fair Avenue
Professor of Home Economics, 1920
Date of first appointment, 1918

*On duty at the University second semester only, 1920-1921.
**Absent on leave, second semester, 1920-1921.

LEE ORA LANTIS, A. M. .....175 Chittenden Avenue
Assistant Professor of Rural Economics, 1919
Date of first appointment, 1916

CLARENCE DEWEY LAYLIN, B. A., LL. B..1972 Indianola Avenue
Professor of Law, 1915
Date of first appointment, 1915

JOSEPH ALEXANDER LEIGHTON, Ph. D., B. D., LL. D.....
.....55 Lexington Avenue
Professor of Philosophy, 1910
Date of first appointment, 1910

JOSEPH WRIGHT LEIST, M. D. .....Protestant Hospital
Instructor in Medicine, 1917
Date of first appointment, 1916

CHARLES FREDERICK LEONARD, Lieut. Colonel, Inf., U. S. A.
.....1013 Franklin Avenue
Professor of Military Science and Tactics, February, 1919
Date of first appointment, February, 1919

LESLIE LOU LEVEQUE, B. C. E. .....152 Twelfth Avenue
Instructor in Mathematics, February, 1921
Date of first appointment, February, 1921

J. HOWARD LEWIS, B. A. .....100 Thirteenth Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

GRACE LINDER, A. B. .....1607 Neil Avenue
Instructor in Home Economics, 1916
Date of first appointment, 1916

CLOYD D. LOOKER, B. Sc. in Edu.....20 Fourteenth Avenue
Assistant in Chemistry, 1919
Date of first appointment, 1918

HENRY CURWEN LORD, B. Sc. .....University Grounds
Professor of Astronomy and Director of the Emerson McMillin Observatory, 1901
Date of first appointment, 1891

ROGER PLATT LOVELAND, B. A. .....92 West Lane Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

HAROLD E. LOWREY .....188 West Tenth Avenue
Laboratory Assistant in Bacteriology, February, 1921
Date of first appointment, February, 1921

ERWIN FOSTER LOWRY, A. M. .....2464 North High Street
Instructor in Physics, 1920
Date of first appointment, 1920

EDWARD CHARLES LUDWIG, M. D. .....677 North High Street
Instructor in Surgery, 1917
Date of first appointment, 1914

FREDERICK ELMORE LUMLEY, M. A., B. D., Ph. D. .....
.....1870 Summit Street
Assistant Professor of Sociology, 1920
Date of first appointment, 1920

JOHN F. LYMAN, Ph. D. .....143 Brighton Road
Professor of Agricultural Chemistry and Soils, 1914
Date of first appointment, 1905-1906; second appointment, 1909

EUGENE FRANKLIN MCCAMPBELL, Ph. D., M. D. .....
.....710 North Park Street
Professor of Preventive Medicine, 1914; Dean of the College of Medicine, February, 1916
Date of first appointment, 1906

WILLIAM JOHN MCCAUGHEY, Ph. D...108 East Frambes Avenue
Professor of Mineralogy, 1916
Date of first appointment, 1911

GEORGE MATTHEW MCCLURE, M. Sc. .....1560 Perry Street
Instructor in Agricultural Chemistry and Soils, 1915
Date of first appointment, 1914

GEORGE WASHINGTON MCCOARD, M. A.....1352 Forsythe Avenue
Professor of Mathematics, 1908
Date of first appointment, 1882

CHARLES CHESTER MCCRACKEN, Ph. D. ...172 East Lane Avenue
Professor of School Administration, 1917
Date of first appointment, 1917

GLENN WILLIAM MCCUEN, B. Sc.....134 Tibet Road
Professor of Agricultural Engineering, 1920
Date of first appointment, 1915

LELIA MARGARET MCGUIRE, M. Sc. .....34 Twelfth Avenue
Instructor in Home Economics, 1919
Date of first appointment, 1914-1918; second appointment, 1919

GEORGE HARLEY MCKNIGHT, Ph. D. .....725 Franklin Avenue
Professor of English, 1908
Date of first appointment, 1899

ALLAN FRANCIS MCLEAN, Major, Cav., U. S. A.....
.....200 Thirteenth Avenue
Assistant Professor of Military Science and Tactics, 1920
Date of first appointment, 1920

EDGAR HOLMES MCNEAL, Ph. D. .....2085 Iuka Avenue
Professor of European History, 1913
Date of first appointment, 1902

CLAYTON MCPEEK, B. A., M. D. .....710 North Park Street
Assistant Professor of Physiology, 1914
Date of first appointment, 1914

WILLIAM MCPHERSON, M. Sc., D. Sc., Ph. D. .....
.....198 Sixteenth Avenue
Professor of Chemistry, 1897; Dean of the Graduate School, 1911
Date of first appointment, 1892

*EDWARD H. MACK, JR., M. A., Ph. D.....
Assistant Professor of Physical Chemistry, 1919
Date of first appointment, 1919

J. WARREN MADDEN, A. B., J. D.....240 East Maynard Avenue
Professor of Law, 1918
Date of first appointment, 1917

WILLIAM THOMAS MAGRUDER, M. E. ....342 West Ninth Avenue
Professor of Mechanical Engineering, 1896
Date of first appointment, 1896

EDMUND SEWALL MANSON, JR., S. M.....2 Indianola Court
Associate Professor of Astronomy, 1909
Date of first appointment, 1907

*Absent on leave, 1920-1921.

MARY LOUISE MARK, M. A. .....9 Huston-Fergus Court
Assistant Professor of Economics and Sociology (Statistics), 1918
Date of first appointment, 1914

FRANKLIN WALES MARQUIS, B. Sc. in M. E., M. E.....
.....375 West Eighth Avenue
Professor of Steam Engineering, 1913
Date of first appointment, 1913

HELEN MARSHALL, M. A. .....173 West Ninth Avenue
Assistant in Psychology, February, 1920
Date of first appointment, 1919

CLARE S. MARTIN, B. Sc. in Forestry, 166 West Woodruff Avenue
Assistant in Chemistry, 1919
Date of first appointment, 1919

FLOYD MARION MARTIN .....281 Dakota Avenue
Assistant in Engineering Drawing, February, 1918
Date of first appointment, February, 1918

EDWIN W. MARTINDALE, B. A., D. D. S.....Ruggery Building
Instructor in Dental Anesthesia, 1914
Date of first appointment, 1914

VERA MCCOY MASTERS, M. A. .....2172 Indianola Avenue
Assistant Professor of Bacteriology, 1920
Date of first appointment, 1915

HUGH J. MEANS, B. A., M. D. .....327 East State Street
Instructor in Roentgenology, 1916
Date of first appointment, 1914

JOHN WILLIAM MEANS, D. D. S., M. D....715 North High Street
Instructor in Surgery, 1914
Date of first appointment, 1914

ROBERT MEIKLEJOHN, M. E. .....419 West Ninth Avenue
Professor of Engineering Drawing, 1920
Date of first appointment, 1905

AGNES SOMMER MERRITT, B. A. .....586 East Long Street
Instructor in Mathematics, March, 1921
Date of first appointment, March, 1921

CLELL LEE METCALF, M. A., Sc. D. .....1142 Grandview Avenue
Professor of Zoology and Entomology, February, 1920
Date of first appointment, 1911-1912; second appointment, 1914

WILLIAM C. MILLS, M. Sc. .....181 Fifteenth Avenue
Curator of Archaeology, 1898
Date of first appointment, 1898

HOWARD DANIEL MINCHIN, A. M., Ph. D..164 Thirteenth Avenue
Professor of Applied Optics, 1919
Date of first appointment, 1919

CHARLES ADDISON MILLER .....2474 North Fourth Street
Instructor in Civil Engineering, 1920
Date of first appointment, 1920

HERMAN ALLEN MILLER, M. A. .....578 South Sixth Street
Instructor in English, 1920
Date of first appointment, 1920

HARRY ANDREW MINTHORN, M. D. .....1045 East Long Street
Assistant in Medicine, 1919
Date of first appointment, 1919

OLLIE O. MOBBERLY, D. D. S. .....757½ North High Street
Superintendent of Dental Laboratories and Summer Clinic, 1917
Date of first appointment, 1914

LEWIS M. MONTGOMERY, M. Sc. (Agr.).....1631 Perry Street
Professor of Horticulture, 1914
Date of first appointment, 1909

OLIN HARRIS MOORE, A. M., Ph. D. .....121 Fourteenth Avenue
Professor of Romance Languages, 1920
Date of first appointment, 1920

FRANCIS L. MORISON, M. Sc. .....1215 Dennison Avenue
Instructor in Rural Economics, 1920
Date of first appointment, 1919

HELEN MORNINGSTAR, M. A., Ph. D. .....1275 Franklin Avenue
Instructor in Geology, 1917
Date of first appointment, 1917

CHARLES BRADFIELD MORREY, B. A., M. D. .....188 West Tenth Avenue
Professor of Bacteriology, 1904
Date of first appointment, 1890-1897; second appointment, 1899

CHARLES CLEMENTS MORRIS, A. M. .....1100 Urlin Avenue, Grandview Heights
Professor of Mathematics, 1915
Date of first appointment, 1908

CLYDE TUCKER MORRIS, C. E. .....2043 Iuka Avenue
Professor of Structural Engineering, 1908
Date of first appointment, 1906

EUGENIA LOIS MOSES, B. A. .....Powell
Assistant in Psychology, 1920
Date of first appointment, 1920

WILLIAM A. MUELLER .....85 Midland Avenue
Assistant Professor of Metallurgy, 1920
Date of first appointment, February, 1920

PAUL MURRAY, Major, Inf., U. S. A.....1820 Summit Street
Assistant Professor of Military Science and Tactics, October 16, 1919
Date of first appointment, October 16, 1919

JOSEPH SIMMONS MYERS, B. A. .....2252 Summit Street
Professor of Journalism, 1914
Date of first appointment, 1914

JOHN HERBERT NICHOLS, A. B., M. D..113 East Norwich Avenue
Professor of Physical Education, 1917
Date of first appointment, 1916

DALE CRAWFORD NISONGER .....1672 Summit Street
Assistant in Psychology, 1920
Date of first appointment, 1920

HARRY ELLSWORTH NOLD, E. M. .....77 Kelso Road
Professor of Mine Engineering, 1920
Date of first appointment, 1916

CARL ADOLPH NORMAN, M. E.....205 East Northwood Avenue
Professor of Machine Design, 1917
Date of first appointment, 1917

WILLIAM JAMES NORRIS .....60 East Eighth Avenue
Instructor in Art, 1915
Date of first appointment, 1906

CECIL CLARE NORTH, D. B., Ph. D.....401 West Tenth Avenue
Professor of Economics and Sociology (Community Organization, Social Agencies), 1918
Date of first appointment, 1916

ARTHUR HERBERT NOYES, A. M. .....279 Fourteenth Avenue
Instructor in European History, 1920
Date of first appointment, 1920

FREDERICK O. OCKERBLAD, M. S. .....1018 Pennsylvania Avenue
Instructor in Bacteriology, 1918
Date of first appointment, 1918

MARY H. OLIVER, M. A. .....166 East Lane Avenue
Assistant in Anatomy, 1919
Date of first appointment, 1919

HERBERT OSBORN, M. Sc., D. Sc. .....
.....1952 Concord Road, Upper Arlington
Research Professor of Zoology and Entomology and Director of the Ohio Biological Survey, 1916
Date of first appointment, 1898

RAYMOND C. OSBURN, M. Sc., Ph. D. ....337 West Ninth Avenue
Professor of Zoology and Entomology and Director of the Lake Laboratory, 1917
Date of first appointment, 1917

PERCY WRIGHT OTT, B. S. .....37 East Eleventh Avenue
Instructor in Mechanics and Mine Engineering, 1920
Date of first appointment, 1919

GEORGE THOMAS PACK, B. Sc. .....1437 Highland Street
Assistant in Physiology, 1920
Date of first appointment, 1920

WENDELL PADDOCK, M. S. .....
.....1077 Westwood Avenue, Grandview Heights
Professor of Horticulture, 1909
Date of first appointment, 1909

RALPH S. PAFFENBARGER, B. E. E. .....15 Huston-Fergus Court
Instructor in Engineering Drawing, 1919
Date of first appointment, 1919

JAY BOARDMAN PARK, M. S., Sc. D. .....145 Webber Road
Professor of Farm Crops, 1916
Date of first appointment, 1916

GORDON DERBY PATTERSON, M. Sc. ....312 West Seventh Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

RODERICK W. PEATTIE, Ph. D. .....222 King Avenue
Assistant Professor of Geology, 1920
Date of first appointment, 1920

VESTA MARY PEGG, B. A. .....255 Twelfth Avenue
Instructor in English, 1919
Date of first appointment, 1919

EARL F. PEINERT, M. D. .....164 Wilson Avenue
Assistant in Medicine, 1919
Date of first appointment, 1919

MILTON PERCIVAL, A. M., Ph. D. .....1904 Summit Street
Assistant Professor of English, 1915
Date of first appointment, 1915

CLELL B. PERKINS, D. V. M., Captain, V. C., U. S. A.....
.....Quarters 18, Columbus Barracks
Assistant Professor of Military Science and Tactics, February, 1921
Date of first appointment, February, 1921

JOEL BIGELOW PETERSON, M. Sc. .....31 Chittenden Avenue
Assistant in Chemistry, 1920
Date of first appointment, 1920

THOMAS GUTHRIE PHILLIPS, M. Sc., Ph. D. .....
.....349 West Tenth Avenue
Assistant Professor of Agricultural Chemistry and Soils, 1915
Date of first appointment, 1912

MONTGOMERY E. PIKE, A. B., LL. B. .....8 East Broad Street
Instructor in Economics and Sociology (Business Law), 1920
Date of first appointment, 1919

RUDOLPH PINTNER, M. A., Ph. D. .....1474 Belmont Avenue
Professor of Psychology, 1917
Date of first appointment, 1913

CHARLES SUMNER PLUMB, B. S. .....1980 Indianola Avenue
Professor of Animal Husbandry, 1902
Date of first appointment, 1902

PERCIVAL B. POTTER, B. S. in C. E., B. S. in Agronomy.....
.....166 Crestview Road
Assistant Professor of Agricultural Engineering, 1919
Date of first appointment, 1916

JOHN BOWKER PRESTON, M. A. .....290 Fifteenth Avenue
Assistant Professor of Mathematics, 1906
Date of first appointment, 1906

KARL DENVER PRICE, B. E. E. .....1147 Harrison Avenue
Assistant in Electrical Engineering, 1920
Date of first appointment, 1920

WILLIAM H. PRITCHARD, M. D. .....Columbus State Hospital
Instructor in Psychiatry, February, 1919
Date of first appointment, February, 1919

ANDREW WALTER PROUT, M. D. .....370 East Town Street
Assistant Professor of Oto-Laryngology, 1920
Date of first appointment, 1914

ALBERT FREDERICK PUCHSTEIN, B. E. E., M. Sc. .....
.....204 East Norwich Avenue
Assistant Professor of Electrical Engineering, 1919
Date of first appointment, 1916

CHARLES WILLIAM RACINE, B. A. .....2000 Indianola Avenue
Assistant in English, 1920
Date of first appointment, 1920

RAYMOND ARTHUR RAMSEY, B. A., M. D...151 East Broad Street
Instructor in Medicine, 1916
Date of first appointment, 1914

SAMUEL EUGENE RASOR, M. A., S. M.....1594 Neil Avenue
Professor of Mathematics, 1913
Date of first appointment, 1901

FRANK ARNOLD RAY, E. M. .....431 Citizens Bank Building
Professor of Mine Engineering, 1900
Date of first appointment, 1895

BERNARD RAYMUND, M. A., Ph. D. .....215 West Tenth Avenue
Instructor in English, 1920
Date of first appointment, 1920

CLARA RAYNOR-RANCK, B. A. .....329 West Ninth Avenue
Instructor in Physical Education, 1919
Date of first appointment, 1919

RUSSELL E. REBRASSIER, D. V. M. .....2348 East Avenue
Instructor in Veterinary Pathology, 1917
Date of first appointment, 1916

CHARLES WELLS REEDER, M. A. .....412 West Ninth Avenue
Reference Librarian, 1913
Date of first appointment, 1906

PHILIP JOHN REEL, M. D. .....327 East State Street
Instructor in Surgery, 1919
Date of first appointment, 1916

LOUIS EVERETT REIF, D. D. S.....955½ South High Street
Instructor in Operative Clinic, 1916
Date of first appointment, 1916

HORTENSE RICKARD, M. A. .....333 West Tenth Avenue
Instructor in Mathematics, 1917
Date of first appointment, 1910

OSCAR DEWITT RICKLY .....2782 Joyce Avenue
Assistant in Machine Work, 1919
Date of first appointment, 1919

J. CHARLES RIETZ, B. A. .....197 Tulane Road
Assistant Professor of Mathematics (Part-time), 1918
Date of first appointment, 1918

GEORGE WASHINGTON RIGHTMIRE, M. A., 262 Nineteenth Avenue
Professor of Law, 1906
Date of first appointment, 1902

ALICE REBECCA ROBINSON, B. S. .....261 Fourteenth Avenue
Assistant Professor of Art, 1917
Date of first appointment, 1911

GERTRUDE LUCILE ROBINSON, M. A. .....Worthington
Instructor in English, 1920
Date of first appointment, 1915-1919; second appointment, 1920

JAMES THOMAS ROBSON, B. Ch. E.....49 East Norwich Avenue
Instructor in Ceramic Engineering (Part-time), 1919
Date of first appointment, 1919

ROBERT EVERETT ROCKWOOD, M. A. .....Athletic Club
Assistant Professor of Romance Languages, 1919
Date of first appointment, 1911-1913; second appointment, 1919

ANDREWS ROGERS, B. Ph., M. D.....188 East State Street
Professor of Obstetrics, 1916
Date of first appointment, 1914

A. SOPHIE ROGERS, M. A., Ph. D.....Dennison Hotel
Instructor in Psychology, 1918
Date of first appointment, 1918

WILBERT CATHMORE RONAN, C. E. in Arch., B. Sc. (Arch.)
.....14 Twelfth Avenue
Assistant Professor of Architecture, 1919
Date of first appointment, 1913

EUGENE HOLLOWAY ROSEBOOM, M. A....191 West Ninth Avenue
Instructor in American History, 1919
Date of first appointment, 1919

MARY ELEANOR ROSS, B. A. .....Dennison Hotel
Assistant in English, 1920
Date of first appointment, 1920

DOMINIC PETER ROTUNDA, A. B. .....121 West Eleventh Avenue
Instructor in Romance Languages, February, 1921
Date of first appointment, February, 1921

ELMER BEECHER RUSSELL, M. A., Ph. D.....
.....390 East Eleventh Avenue
Instructor in History, 1920
Date of first appointment, 1920

HARRY MORTON SAGE, M. D. .....65 West Como Avenue
Assistant in Eye, Ear, Nose, and Throat, 1916
Date of first appointment, 1916

HOMER CLEVELAND SAMPSON, Ph. D. .....
.....265 East Northwood Avenue
Assistant Professor of Botany, 1919
Date of first appointment, 1917

JASPER DEAN SAYRE, M. A. .....109 West Eleventh Avenue
Instructor in Botany, 1920
Date of first appointment, 1918

GEORGE C. SCHAEFFER, M. D. .....246 East State Street
Assistant Professor of Ophthalmology, 1920
Date of first appointment, 1914

JOHN H. SCHAFFNER, A. M., M. S.....174 Twelfth Avenue
Professor of Botany, 1911
Date of first appointment, 1897

NORMAN WILLIAM SCHERER, M. S. F.....2097 Summit Street
Assistant Professor of Forestry, 1913
Date of first appointment, 1913

RUDOLPH PETER SCHNEIDER....184 Longview Avenue, Crestview
Assistant in Foundry Practice, 1920
Date of first appointment, 1920

EMILY SCHONS, A. M. .....1749 North Fourth Street
Instructor in Romance Languages, 1919
Date of first appointment, 1919

ETHEL C. SCOFIELD, B. S. .....30 Thirteenth Avenue
Assistant Professor of Physical Education, 1920
Date of first appointment, 1919

ERNEST SCOTT, B. Sc. in Agr., M. D.....710 North Park Street
Professor of Pathology, 1914
Date of first appointment, 1910

HENRY MILLER SCOTT, A. M. .....55 East Norwich Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

NORMA SELBERT, R. N. .....1694 North High Street
Assistant Professor of Public Health and Nursing, 1920
Date of first appointment, 1920

PAUL LAMBERT SELBY .....1999 Iuka Avenue
Assistant in English, 1920
Date of first appointment, 1920

HARRY MERRICK SEMANS, M. A., D. D. S., 710 North Park Street
Professor of Operative Dentistry and Dental Anatomy and Dean of the College of Dentistry, 1914
Date of first appointment, 1914

CHARLES J. SEMBOWER, Ph. D. .....65 Patterson Avenue
Professor of Advertising and Salesmanship, 1920
Date of first appointment, 1920

CARL MILTON SENN, B. Sc. in Agr. . . . . .361 Tulane Road
Instructor in Woodworking, 1919
Date of first appointment, 1916

RAYMOND JESSE SEYMOUR, M. S., M. D. . . .412 Fourteenth Avenue
Assistant Professor of Physiology, 1916
Date of first appointment, 1904

JACOB RALPH SHANK, B. S. . . . . .97 West Tompkins Street
Assistant Professor of Civil Engineering, 1918
Date of first appointment, 1917

GEORGE H. SHAWAKER, M. D. . . . . .206 East State Street
Assistant in Medicine (Genito-Urinary), 1916
Date of first appointment, 1914

MARJORIE NAOMI SHEETS, M. A. . . . . .1659 Greenway Avenue
Instructor in Economics and Sociology, 1919
Date of first appointment, 1919

JOHN WILLIAM SHEETZ, Ph. B., M. D. . . . . .207 East State Street
Instructor in Medicine, 1917
Date of first appointment, 1914

ELIZABETH SHELOW, M. A. . . . . .1369 Forsythe Avenue
Assistant Professor of Home Economics, 1920
Date of first appointment, January, 1920

CHARLES JEROME SHEPARD, M. D. . . . . .289 East State Street
Assistant Professor of Medicine (Dermatology), 1916
Date of first appointment, 1914

JOHN ERNEST SHEPARDSON, B. S. . . . . .Granville
Instructor in Electrical Engineering, 1912
Date of first appointment, 1909

CHRISTOPHER ELIAS SHERMAN, C. E. . . . . .141 Thirteenth Avenue
Professor of Civil Engineering, 1902
Date of first appointment, 1895

HAROLD HASTINGS SHIVELY, A. B. . . . . .374 Sixteenth Avenue
Instructor in English (Half-time), 1919
Date of first appointment, 1919

JOHN N. SHOEMAKER, D. V. M. . . . . .229 King Avenue
Assistant Professor of Veterinary Medicine, 1913
Date of first appointment, 1912

DANIEL M. SHONTING .....153 West Eighth Avenue
Assistant in Psychology, 1920
Date of first appointment, 1920

HERBERT S. SHUMWAY, D. D. S. .....Hartman Building
Instructor in Prosthetic Laboratory, 1914
Date of first appointment, 1914

WILBUR HENRY SIEBERT, A. M.....182 West Tenth Avenue
Professor of European History, 1902
Date of first appointment, 1891-1895; second appointment, 1897

SEPTIMUS SISSON, S. B., V. S. .....370 East Eleventh Avenue
Professor of Comparative Anatomy, 1903
Date of first appointment, 1901

IVAH SHERMAN SKAGGS, B. S. .....Delaware
Instructor in Home Economics (Part-time), February, 1921
Date of first appointment, February, 1921

ARTHUR ST. CLAIR SLOAN, M. A. .....105 West Eighth Avenue
Instructor in Romance Languages, 1919
Date of first appointment, 1919

ROSCOE CHESTER SLOANE, Ph. B., C. E...1535 West First Avenue
Assistant Professor of Civil Engineering, 1915
Date of first appointment, 1913

ALPHEUS WILSON SMITH, A. M., Ph. D....306 Sixteenth Avenue
Professor of Physics, 1917
Date of first appointment, 1909

ALVA WELLINGTON SMITH, M. A.....1152 Grandview Avenue
Instructor in Physics, 1915
Date of first appointment, 1912

CLAYTON SIDNEY SMITH, M. Sc., Ph. D., M. D...Columbus Hotel
Assistant Professor of Physiological Chemistry and Pharmacology, 1920
Date of first appointment, 1920

HOWARD DWIGHT SMITH, C. E. in Arch., B. Arch.....
.....1891 Devon Road, Upper Arlington
Professor of Architecture, January, 1918
Date of first appointment, January, 1918

REUBEN V. SMITH, A. M....409 South Parkview Avenue, Bexley
Instructor in Latin (Half-time), 1919
Date of first appointment, 1919

ROBERT ERNEST SMITH, B. Sc. in Edu....78 West Ninth Avenue
Instructor in Industrial Education, 1918
Date of first appointment, 1912

*WILLIAM FLETCHER SMITH, A. B.....338 West Eighth Avenue
Instructor in Romance Languages, 1919
Date of first appointment, 1919

EDITH MARY SNIFFEN, M. A.....1550 Neil Avenue
Instructor in English, 1919
Date of first appointment, 1916

JAMES HOWARD SNOOK, D. V. M.....1906 North High Street
Professor of Veterinary Medicine, 1920
Date of first appointment, 1909

DICK PEARL SNYDER, D. D. S.....137 East State Street
Instructor in Exodontia, 1916
Date of first appointment, 1914

ISAAC JACOB SOLLENBERGER, M. Sc.....33 West Frambes Avenue
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

FRED SPEER, D. V. M.....46 Eighteenth Avenue
Instructor in Bacteriology, February, 1921
Date of first appointment, February, 1921

HENRY RUSSELL SPENCER, A. M., Ph. D...518 East Broad Street
Professor of Political Science, 1909
Date of first appointment, 1903-1906; second appointment, 1907

CARL L. SPOHR, G. Ph., M. D.....710 North Park Street
Professor of Clinical Pathology, 1916
Date of first appointment, 1914

WILLIAM ALFRED STARIN, M. A.....261 East North Broadway
Professor of Bacteriology, 1918
Date of first appointment, 1910

FRANK CLEVELAND STARR, D. D. S.....609 Hartman Building
Instructor in Crown and Bridge Work and Metallurgy, 1915
Date of first appointment, 1915

*Resigned February 5, 1921.

ELSIE ELENORA STEIGER, B. Sc. in H. E. .....
.....Home Economics Building
Assistant in Home Economics, 1918
Date of first appointment, 1918

ALEXANDER MICHAEL STEINFELD, M. D.....
.....129 South Grant Avenue
Assistant Professor of Surgery, 1917
Date of first appointment, 1914

WILLIAM S. STEVENS .....1155 Oregon Avenue
Instructor in Pharmacy, 1920
Date of first appointment, 1920

WILBUR F. STEWART, M. S. .....420 West Eighth Avenue
Professor of Agricultural Education, 1918
Date of first appointment, 1917

PHILIP E. STIFFEY, M. D. .....710 North Park Street
Assistant in Anesthetics (Surgery and Gynecology), 1917
Date of first appointment, 1917

EDWARD SCHAAD STIMSON, B. A., B. Sc. in Bus. Admr. .....
.....541 Vermont Place
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

KARL WILLSON STINSON, B. M. E.....2051 Waldeck Avenue
Instructor in Mechanical Engineering, February, 1921
Date of first appointment, 1916-1917; second appointment, February, 1921

LYNN WILBUR ST. JOHN, Ph. B. .....1826 Summit Street
Professor of Physical Education, 1915
Date of first appointment, 1912

ROBERT BEAR STOLTZ, B. Sc. in Agr.....226 West Ninth Avenue
Assistant Professor of Dairying, 1914
Date of first appointment, 1912

ERNEST LINCOLN STOVER, B. Sc. in Forestry.....
.....1375 Michigan Avenue
Assistant in Botany, 1919
Date of first appointment, 1919

*WILMER GARFIELD STOVER, A. M...265 East Northwood Avenue
Assistant Professor of Botany, 1914
Date of first appointment, 1910-1911; second appointment, 1912

GEORGE MORTON STRONG, M. A. .....58 West Woodruff Avenue
Assistant in Chemistry (Half-time), February, 1920
Date of first appointment, February, 1920

CHARLES W. STROSNIDER, D. D. S.....Citizens Bank Building
Instructor in Operative Clinic and Assistant in Dental Anatomy, 1914
Date of first appointment, 1914

HOWARD MORRIS STUCKERT, A. M.....238 West Tenth Avenue
Instructor in European History, 1920
Date of first appointment, 1920

CARL L. SVENSEN, B. S. in M. E.....74 Euclid Avenue
Assistant Professor of Engineering Drawing, 1917
Date of first appointment, 1914

KARL DALE SWARTZEL, M. Sc.....1952 Iuka Avenue
Professor of Mathematics, 1908
Date of first appointment, 1894-1896; second appointment, 1899

RAY LESLIE SWEIGERT, B. S.....363 West Tenth Avenue
Assistant in Mechanical Engineering, February, 1921
Date of first appointment, February, 1921

HENRI TAILLIART, B. A. .....162 Fourteenth Avenue
Instructor in Romance Languages, February, 1918
Date of first appointment, February, 1918

CLARENCE BENSON TANNER, D. V. M., M. D.....
.....137 East State Street
Assistant in Ophthalmology, February, 1920
Date of first appointment, February, 1920

ALBERT D. TAYLOR, M. S.....Cleveland
Non-Resident Professor of Landscape Architecture, 1915
Date of first appointment, 1915

JOSEPH RUSSELL TAYLOR, M. A.....155 Thirteenth Avenue
Professor of English, 1908
Date of first appointment, 1889

*Absent on leave, 1920-1921.

WILLIAM N. TAYLOR, M. D. .....394 East Town Street
Assistant in Genito-Urinary Surgery, 1917
Date of first appointment, 1917

VAN BAUMAN TEACH, B. A.....2223 Neil Avenue
Assistant in Mathematics, 1920
Date of first appointment, 1920

J. PERRY TEEPLE .....142 Chittenden Avenue
Assistant in English, 1920
Date of first appointment, 1920

HELEN VIRGINIA TERRY, B. A.....1370 Neil Avenue
Instructor in Romance Languages, 1920
Date of first appointment, 1919

MAY THOMAS, Ph. D.....1473 Neil Avenue
Assistant Professor of German, 1908
Date of first appointment, 1905

ROBERT ROBERTSON THOMPSON, B. Sc. in Agr. .....
.....70 West Woodruff Avenue
Assistant Professor of Agricultural Engineering, 1920
Date of first appointment, March, 1920

CHARLES LEROY THRASH, B. Sc. in Agr.....871 Miller Avenue
Assistant in Agricultural Chemistry and Soils, 1919
Date of first appointment, 1917-1918; second appointment, 1919

LEWIS HANFORD TIFFANY, S. B. .....341 King Avenue
Instructor in Botany, February, 1920
Date of first appointment, February, 1920

ANDREW TIMBERMAN, B. A., M. D....521 Citizens Bank Building
Professor of Ophthalmology, 1914
Date of first appointment, 1914

EDGAR NELSON TRANSEAU, Ph. D. .....1937 West Fifth Avenue
Professor of Botany, 1915
Date of first appointment, 1915

GEORGE M. TRAUTMAN, B. Sc. in For.....349 Chittenden Avenue
Assistant Professor of Physical Education, February, 1919
Date of first appointment, 1915

WILLIAM D. TURNBULL, C. E. .....151 East Oakland Avenue
Assistant Professor of Engineering Drawing, 1915
Date of first appointment, 1910

ALONZO HUBERT TUTTLE, A. M., LL. B., 2051 North Fourth Street
Professor of Law, 1907
Date of first appointment, 1900

*GEORGE RANSOM TWISS, B. Sc. . . . . 2595 Summit Street
Professor of the Principles and Practice of Education, 1914
Date of first appointment, 1908

JOHN HOWELL JANEWAY UPHAM, M. D. . . . 207 East State Street
Professor of Medicine, 1916
Date of first appointment, 1914

ELDON LEONARD USRY, B. M. E., A. M. . . . . 2065 Iuka Avenue
Professor of Industrial Education, 1918
Date of first appointment, 1913

LEAR HENRY VANBUSKIRK, B. Sc. in Chem. Engr. . . . . 710 North Park Street
Instructor in Pathology, 1919
Date of first appointment, 1915

FLOYD VAN KEUREN, A. B. . . . . 175 South High Street
Lecturer in Economics and Sociology, 1920
Date of first appointment, 1920

CHRISTIAN VAN RIPER, B. A. . . . . 141 West Frambes Avenue
Assistant in Economics and Sociology, 1919
Date of first appointment, 1919

ALBERT H. VILBRANDT, B. A. . . . . 149 West Norwich Avenue
Assistant in Chemistry, 1919
Date of first appointment, 1919

FRANK CARL VILBRANDT, M. A., Ph. D. . . . . 170 West Frambes Avenue
Instructor in Chemistry, 1918
Date of first appointment, 1917

ALFRED VIVIAN, G. Ph. . . . . 1778 North High Street
Professor of Agricultural Chemistry, 1905; Dean of the College of Agriculture, 1915
Date of first appointment, 1902

FRANKLIN CLARK WAGENHALS, B. A., M. D. . . . . 137 East State Street
Assistant in Medicine (Neurology), 1916
Date of first appointment, 1916

*On duty at the University second semester only, 1920-1921.

CHARLOTTE LOUISE WALCH, B. A. .....Oxley Hall
Assistant in Romance Languages, 1920
Date of first appointment, 1920

GRACE GRAHAM WALKER, B. Sc. in Dom. Sci.....
.....141 East Woodruff Avenue
Assistant Professor of Home Economics, 1919
Date of first appointment, 1913

CLAUDE HUTCHINSON WALL, B. C. E. .....183 Dakota Avenue
Instructor in Civil Engineering, 1920
Date of first appointment, 1920

WALTER DANA WALL, C. P. A. .....1611 Summit Street
Lecturer in Economics and Sociology (Income Tax Accounting and Bank Accounting), 1919
Date of first appointment, 1919

A. E. WALLER, M. Sc., Ph. D. .....161 East Frambes Avenue
Assistant Professor of Botany, February, 1921
Date of first appointment, 1914-1916; second appointment, 1918

HENRY FREEMAN WALRADT, M. A., Ph. D.....
.....411 West Tenth Avenue
Assistant Professor of Economics and Sociology (Business Law, Economic History), 1912
Date of first appointment, 1911

GERTRUDE M. WALSH, A. B., B. S. .....148 Buttles Avenue
Assistant in Romance Languages, 1920
Date of first appointment, 1920

JOHN ST. CLAIR WARD, B. Sc.....388 West Sixth Avenue
Instructor in Physics, 1919
Date of first appointment, 1916

YEATMAN WARDLOW, M. D. .....137 East State Street
Professor of Clinical Gynecology, 1917
Date of first appointment, 1914

GEORGE ADRIAN WASHBURNE, M. A....65 West Eleventh Avenue
Assistant Professor of European History, 1918
Date of first appointment, 1918

ROLAND HENRY WASSON, B. M. E.....90 East Patterson Avenue
Instructor in Mechanical Engineering, February, 1921
Date of first appointment, February, 1921

*FRANK WARNER WATSON, B. A., M. D...677 North High Street
Instructor in Bacteriology, 1919
Date of first appointment, 1919

TRUE GEORGE WATSON, M. S.....1461 Inglis Avenue
Assistant Professor of Agricultural Chemistry and Soils, January, 1921
Date of first appointment, 1918

ARTHUR S. WATTS .....1764 North High Street
Professor of Ceramic Engineering, 1913
Date of first appointment, 1913

JAMES HENRY WEAVER, M. A., Ph. D. .....Hilliards
Assistant Professor of Mathematics, 1920
Date of first appointment, 1917

ROBERT FULTON WEBB, A. M. .....120 East Lane Avenue
Instructor in Geology, 1920
Date of first appointment, 1920

MELVILLE FOLSOM WEBBER, A. B. .....242 Northwood Avenue
Instructor in Art, 1919
Date of first appointment, 1919

WALTER CROTHERS WEIDLER, A. M.....2136 Summit Street
Professor of Insurance and Foreign Trade, 1920
Date of first appointment, 1914-1916; second appointment, 1917-1919; third appointment, 1920

HERBERT VANCE WEIHRAUCH, A. B., M. D. .....
.....106 East Broad Street
Assistant in Medicine, February, 1920
Date of first appointment, February, 1920

ALBERT PAUL WEISS, A. M., Ph. D.....2098 Indiana Avenue
Professor of Psychology, 1918
Date of first appointment, 1912

MOZELLE CAROLINE WHIPPS, M. A.....135 West Frambes Avenue
Assistant in Clinical Diagnosis, 1919
Date of first appointment, 1919

DAVID STUART WHITE, D. V. M. .....1656 Neil Avenue
Professor of Veterinary Medicine and Dean of the College of Veterinary Medicine, 1895
Date of first appointment, 1893

*Resigned February 1, 1921.

EDWARD LAWRENCE WICKLIFF, B. Sc. in Agr., B. Sc. in Edu. .....1309 Atchison Street
Instructor in Zoology and Entomology, 1919
Date of first appointment, 1919

JOHN WOODWORTH WILCE, A. B., M. D.....70 Twelfth Avenue
Professor of Physical Education, 1915
Date of first appointment, 1913

EARL WELLINGTON WILEY, M. A. ...144 Clinton Heights Avenue
Instructor in English, 1915
Date of first appointment, 1915

ALPHA JAY WILL, B. A. .....1441 Worthington Street
Assistant in Chemistry (Half-time), 1920
Date of first appointment, 1918

CHARLES JULIUS WILLARD, M. S. .....35 Wilson Avenue
Assistant Professor of Farm Crops, 1917
Date of first appointment, 1917

CARLOS GRANT WILLIAMS .....Wooster
Non-Resident Professor of Farm Crops, 1917
Date of first appointment, 1917

OWEN E. WILLIAMS .....2094 Tuller Street
Assistant Professor of Engineering Drawing, 1914
Date of first appointment, 1909

RALPH COPLESTONE WILLIAMS, Ph. D. ....841 East Broad Street
Assistant Professor of Romance Languages, 1919
Date of first appointment, 1918

ROBERT DANIEL WILLIAMS, A. M., Ph. D..1312 Forsythe Avenue
Assistant Professor of Philosophy, 1919
Date of first appointment, 1917

T. REES WILLIAMS, B. Sc., M. D.....394 East Town Street
Instructor in Ophthalmology, 1918
Date of first appointment, 1916

DORIS K. WILSON, B. A. .....277 South Eighteenth Street
Instructor in Art, 1920
Date of first appointment, 1920

ROLAND BENJAMIN WILTBERGER, D. D. S. .....
.....511 Citizens Bank Building
Assistant Professor of Crown, Bridge, and Porcelain, 1917
Date of first appointment, 1914

ALICE TOWNSHEND WING, M. A. .....231 West Tenth Avenue
Instructor in German, 1920
Date of first appointment, 1920

H. SHINDLE WINGERT, M. D. .....22 Twelfth Avenue
Director of the Student Health Service, 1915
Date of first appointment, 1907

JAMES RENWICK WITHROW, Ph. D. .....77 Sixteenth Avenue
Professor of Chemistry, 1912
Date of first appointment, 1906

CARL WITTKE, A. M. .....165 East Northwood Avenue
Instructor in American History, 1916
Date of first appointment, 1916

ROY C. WOLCOTT, B. Ph., M. D. .....1909 Waldeck Avenue
Professor of Internal Medicine, 1915
Date of first appointment, 1915

GEORGE ARTHUR WOOD, A. M., Ph. D..386 East Eleventh Avenue
Assistant Professor of American History, 1920
Date of first appointment, 1915

DWIGHT AUGUSTUS WOODBURY, M. S.....2195 Summit Street
Instructor in Physics, 1914
Date of first appointment, 1911-1912; second appointment, 1914

CARRIE WRIGHT, S. M. .....Worthington
Assistant in Economics and Sociology, 1920
Date of first appointment, 1920

CHARLES ALLEN WRIGHT, B. E., E. E., M. E. E.....
.....91 East Woodruff Avenue
Professor of Electrical Engineering, 1918
Date of first appointment, 1918

HAROLD R. WRIGHT .....963 Sullivant Avenue
Instructor in Industrial Arts, 1919
Date of first appointment, 1915

PERRY LISBON WRIGHT .....2093 Peasley Street
Instructor in Blacksmithing, 1918
Date of first appointment, 1913

HOWARD F. YERGES, B. E. .....323 West Ninth Avenue
Instructor in Engineering Drawing, 1920
Date of first appointment, 1920

LUKE V. ZARTMAN, B. A., M. D. .....289 East State Street
Instructor in Surgery, 1916
Date of first appointment, 1914

GRADUATE ASSISTANTS

DONALD BENTON ANDERSON, B. A., B. Sc. in Edu.....
.....1250 Arlington Avenue
Graduate Assistant in Botany

MARY AUTEN, A. B. .....136 West Tenth Avenue
Graduate Assistant in Zoology and Entomology

ARTHUR TALBOT BAWDEN, B. S. .....31 Chittenden Avenue
Graduate Assistant in Chemistry

LEONARD THOMAS CAPELL, B. Ch. E. .....2586 Terrace Avenue
Graduate Assistant in Chemistry

W. HALE CHARCH, A. B. .....172 Fifteenth Avenue
Graduate Assistant in Chemistry

E. N. COLE COOLIDGE, B. A. .....92 West Lane Avenue
Graduate Assistant in Chemistry

FREDERICK FUNSTON COPE, A. B. ....103 West Eleventh Avenue
Graduate Assistant in Chemistry

MARION DONALD COULTER, B. S. .....31 Chittenden Avenue
Graduate Assistant in Chemistry

RAYMOND ANSON DOBBINS, B. A. .....19 West Tenth Avenue
Graduate Assistant in Botany

CLIFFORD OTIS EDDY, B. A., B. Sc. in Edu.....417 Oak Street
Graduate Assistant in Zoology and Entomology

MARGUERITE FREY, B. A., B. Sc. in Edu...66 West Tenth Avenue
Graduate Assistant in Zoology and Entomology

FAY ERASTUS GUYTON, B. Sc. in Edu.....1609 Highland Street
Graduate Assistant in Zoology and Entomology

EDWIN ADOLPHUS HARTLEY, B. A.....397 Chittenden Avenue
Graduate Assistant in Zoology and Entomology

ELDRA WADE HARTLEY, M. A. .....100 West Frambes Avenue
Graduate Assistant in Psychology

EUGENE HARRY HELLER, A. B. .....1659 Summit Street
Graduate Assistant in Chemistry

CARL WALDO HOLL, B. A. .....103 West Eleventh Avenue
Graduate Assistant in Chemistry

HAROLD SHANE HOLLOWAY, B. Sc. .....83 West Lane Avenue
Graduate Assistant in Chemistry

PHILIP GERALD HORTON, B. S. .....33 Avondale Avenue
Graduate Assistant in Chemistry

LUCIAN FRANCIS HUNT, B. S. .....338 West Eighth Avenue
Graduate Assistant in Chemistry

*UEL STITT JAMISON, B. Sc. .....2055 Tuller Street
Graduate Assistant in Chemistry

*WALTER C. KRAATZ, M. A. .....1502 Hamlet Street
Graduate Assistant in Zoology and Entomology

LOIS LAMPE, B. Sc. in H. E., B. A. .....9 University Place
Graduate Assistant in Botany

MENDEL ELMER LASH, B. A. .....342 Twentieth Avenue
Graduate Assistant in Chemistry

CHOON HO LEE, B. A. .....129 West Tenth Avenue
Graduate Assistant in Mathematics

EDWARD GEORGE MEITER, B. S.....89 East Woodruff Avenue
Graduate Assistant in Chemistry

WALTER HARRISON MORAN, B. A. .....92 West Lane Avenue
Graduate Assistant in Chemistry

JEROME RHEINHARDT MUELLER, A. B.....259 East Lane Avenue
Graduate Assistant in Chemistry

GERARD GORDON OSTERHOF, A. B. .....41 West Frambes Avenue
Graduate Assistant in Chemistry

CHARLES S. PEASE, B. S. .....83 McDowell Street
Graduate Assistant in Chemistry

CECIL ORVAL RIGGS, A. B. .....91 West Eleventh Avenue
Graduate Assistant in Chemistry

GRACE MANSFIELD SEIFRIED, A. B. .....1863 Summit Street
Graduate Assistant in Chemistry

JAMES GREEN STEED, B. S. .....72 McMillen Avenue
Graduate Assistant in Chemistry

WILLIAM RUSSELL STEMEN, A. B.....92 West Lane Avenue
Graduate Assistant in Chemistry

---

*Resigned February 1, 1921.

LAWRENCE EDWARD STOUT, A. B. .....1968 Indianola Aveune
Graduate Assistant in Chemistry

*C. GLEN TENER, B. Sc. in Edu. .....38 West Ninth Avenue
Graduate Assistant in Chemistry

GEORGE HENRY VANDER BORGH, A. B...41 West Frambes Avenue
Graduate Assistant in Chemistry

MARY ELVIRA WURDACK, B. A.....29 Twelfth Avenue
Graduate Assistant in Botany

ARTHUR J. YANEY, B. A. .....88 West Woodruff Avenue
Graduate Assistant in Chemistry

GRADUATE SCHOOL FELLOWS AND SCHOLARS

FELLOWS

ORA L. HOOVER, M. Sc. .....1619 Highland Street
duPont de Nemours Fellow in Chemistry

CHARLES F. RUDMANN, M. A. .....48 Fifteenth Avenue
Grasselli Fellow in Chemistry

MARIE DRENNAN, B. A. .....1981 Indianola Avenue
University Fellow in English

DANIEL LUTHER EVANS, M. A. .....32 Seventeenth Avenue
University Fellow in Philosophy

SAMUEL MORRIS, M. A. .....2541 North High Street
University Fellow in Chemistry

GLADYS LYNN NINEGAR, M. A.....Hilliards
University Fellow in English

ESTHER REEDY, M. Sc. .....1617 Hunter Avenue
University Fellow in Psychology

†GERTRUDE WILLIAMS, M. A. .....1574 Neil Avenue
University Fellow in English

SCHOLARS

OLEN MYRL AKEY, B. A. .....367 West Tenth Avenue
University Scholar in Physics

MILES HERBERT CAGG, A. B. .....1441 Hunter Avenue
University Scholar in English

---

*Resigned February 1, 1921.
†Died December 23, 1920.

JACOB CORNOG, A. B. .....1411 North Fifth Street
University Scholar in Chemistry

MARIE DAVIS, B. Sc. in Edu. .....177 Dana Avenue
University Scholar in French

**CHARLES HUGH FEE, B. A. .....144 East Lincoln Street
University Scholar in Physiology

EMILIE LORRAINE HARRIS, A. B. .....1638 Neil Avenue
University Scholar in English

FRED HARROLD, B. A. .....76 West Frambes Avenue
University Scholar in English

RUTH LOVING HIGGINS, B. A., B. Sc. in Edu...15 Twelfth Avenue
University Scholar in History

LAURENCE LESTER HUBER, B. Sc. .....19 West Tenth Avenue
University Scholar in Entomology

ELUSINA LAZENBY, B. A. .....222 King Avenue
University Scholar in Horticulture

M. FLORENCE MCCRACKEN, A. B. .....172 East Lane Avenue
University Scholar in English

MABEL MARIE MADDEN, B. Sc. in Edu., B. A. ....189 King Avenue
University Scholar in Latin

ANTOINETTE PAULINE NOEL, B. A. .....196 West Tenth Avenue
University Scholar in English

SUZANNE PICARD, A. B. .....196 West Tenth Avenue
University Scholar in English

EDNA RICKEY, A. B., B. S. in Ed.....149 West Frambes Avenue
University Scholar in Psychology

THELMA WHITNEY SEALOCK, B. A. .....22 Alhambra Court
University Scholar in French

IRMA RUTH SELBY, B. Sc. in Edu. .....3216 North High Street
University Scholar in Spanish

LIBRARY STAFF

MIRIAM ROBERTINE BECKES .....1448 Worthington Street
Library Assistant, 1920
Date of first appointment, 1920

**Resigned February 1, 1921.

MARY TAPHENA BEGGS .....21 Eighteenth Avenue
Library Assistant, 1920
Date of first appointment, 1920

MARY E. BIGGER, B. A. .....124 West Ninth Avenue
Library Assistant, 1919
Date of first appointment, 1919

RITA M. BUXTON, A. B. .....950½ Hamlet Street
Library Assistant, March, 1921
Date of first appointment, March, 1921

ESTHER SUSAN CHAPIN, S. B. .....1909 Waldeck Avenue
Cataloguer, 1916
Date of first appointment, 1916

CALVIN H. COOL .....1919 Indianola Avenue
Night Assistant, 1920
Date of first appointment, 1920

ALICE DOROTHY CRUIKSHANK, B. A....346 West Seventh Avenue
Cataloguer, 1916
Date of first appointment, March, 1916

EDNA EVA DAVIS, A. B. .....1585 Perry Street
Library Assistant, 1920
Date of first appointment, 1920

MARIE ALICE HOPKINS .....93 West Frambes Avenue
Library Assistant, 1917
Date of first appointment, 1916

MAUD D. JEFFREY, B. Ph. .....161 Fourteenth Avenue
Reference Librarian, 1905
Date of first appointment, 1896

OLIVE JONES, B. A.....1797 West First Ave., Grandview Heights
Librarian, 1893
Date of first appointment, 1887

GERTRUDE STOWELL KELLICOTT .....24 University Place
Accession Librarian, 1905
Date of first appointment, 1897

HELEN K. LAUGHLIN, B. A. .....214 Thirteenth Avenue
Library Assistant, 1919
Date of first appointment, 1919

DONALD LEIDIGH, B. A. .....1543 Michigan Avenue
Accession Assistant, 1910
Date of first appointment, 1910

ALICE D. MCKEE, M. Sc., B. L. S.....341 West Ninth Avenue
Cataloguer, 1912
Date of first appointment, 1912

SUSAN FRANCES MARKSBURY .....300 West Sixth Avenue
Library Assistant, 1917
Date of first appointment, 1917

ELLEN ELIZABETH MICHAEL .....Worthington
Library Assistant, 1920
Date of first appointment, 1920

ETHEL MELSHEIMER MILLER, A. B.....9 Chittenden Avenue
Library Assistant, 1917
Date of first appointment, 1917

LILLIAN MARGARET NIPPERT .....439 Thurman Avenue
Library Assistant, 1914
Date of first appointment, 1914

CHARLES WELLS REEDER, M. A. .....412 West Ninth Avenue
Reference Librarian, 1913
Date of first appointment, 1906

BERTHA M. SCHNEIDER, B. A., B. L. S.....1404 Wesley Avenue
Head Cataloguer, 1913
Date of first appointment, 1911

LOUISE F. SCHOENEWEISS .....35 South Monroe Avenue
Library Assistant, 1913
Date of first appointment, 1913

*HELEN ELIZABETH SELLS, B. A. .....338 King Avenue
Library Assistant, April, 1917
Date of first appointment, April, 1917

ADAH PIERSON SMITH .....131 Webber Road
Library Assistant, 1920
Date of first appointment, 1920

GEORGE W. STARR .....1310 Summit Street
Night Assistant, 1920
Date of first appointment, 1920

*Resigned March 1, 1921.

HARRIET N. TOWNSHEND .....53 West Eleventh Avenue
Assistant in Library, 1898
Date of first appointment, 1895

MAE M. WALKER, B. Sc. .....42 Thirteenth Avenue
Library Assistant, 1916
Date of first appointment, 1916

AGRICULTURAL EXTENSION

FREDERICK L. ALLEN .....333 West Eighth Avenue
Supervisor of Farmers' Institutes, 1918
Date of first appointment, 1915

ARTHUR EUGENE ANDERSON, A. B. .....104 West Tenth Avenue
Assistant State Leader of County Agricultural Agents, 1917
Date of first appointment, 1917

OREN H. ANDERSON, B. S. A., M. S. A.....Paulding
Agent for Paulding County, 1919
Date of first appointment, 1919

SHERMAN LEO ANDERSON, B. Sc. in Agr.....Mt. Vernon
Agent for Knox County, February, 1918
Date of first appointment, February, 1918

HERBERT L. ANDREW, B. Sc. in Agr.....Wapakoneta
Agent for Auglaize County, March, 1920
Date of first appointment, 1917 to October, 1919; second appointment, March, 1920

CARL R. ARNOLD .....11 Chittenden Avenue
Instructor in Rural Economics, January, 1920
Date of first appointment, January, 1920

MYRON A. BACHTELL, B. Sc. in Agr.....Wooster
Agent for Wayne County, 1920
Date of first appointment, 1911

MARION V. BAILEY, B. Sc. in Agr. .....Logan
Agent for Hocking County, February, 1920
Date of first appointment, February, 1920

WILLIAM S. BARDEN, B. Sc. in Agr.....McConnelsville
Agent for Morgan County, March, 1919
Date of first appointment, March, 1919

ROBERT R. BARKER, B. Sc. in Agr. .....Waverly
Agent for Pike County, 1920
Date of first appointment, 1920

EARL E. BARNES, B. Sc. in Agr. .....1413 North Fifth Street
Assistant Professor of Soils, January, 1920
Date of first appointment, 1918 to December, 1919; second appointment, January, 1920

*MILFORD H. BARTTER .....Burton
Agent for Geauga County, April, 1916
Date of first appointment, April, 1916

FRANK H. BEACH, B. S. .....1944 Arlington Avenue
Assistant Professor of Horticulture, 1918
Date of first appointment, 1917

LULU BILLMAN, B. Sc. in Dom.Sci. .....15 Indianola Court
Assistant State Leader of Home Demonstration Agents, 1919
Date of first appointment, 1917

GEORGE E. BOLTZ, B. Sc. in Agr. .....New Philadelphia
Agent for Tuscarawas County, 1919
Date of first appointment, 1919

BLANCHE B. BOWERS, B. L, B. Sc. in H. E. .....
.....141 West Ninth Avenue
Home Demonstration Agent for Franklin County, January, 1920
Date of first appointment, January, 1918 to 1919; second appointment, January, 1920

WILLIAM W. BROWNFIELD, B. Sc. in Agr. .....
.....1822 Devon Rd., Upper Arlington
District Supervisor of County Agricultural Agents, 1918
Date of first appointment, 1916

*JOSEPHINE BURNETT .....Painesville
Home Demonstration Agent for Lake County, 1920
Date of first appointment, 1920

EDNA MARGUERITE CALLAHAN, B. Sc. in H. E. .....
.....434 East Long Street
Instructor in Home Economics, 1920
Date of first appointment, 1920

*Resigned March 31, 1921.

RAY A. CAVE, B. Sc. Agr. .....Wauseon
Agent for Fulton County, March, 1918
Date of first appointment, March, 1918

CHARLES FREDERICK CLASS, B. Sc. in Agr. .....Lebanon
Agent for Warren County, April, 1918
Date of first appointment, April, 1918

EDWARD EASTMAN CLAYTON, M. S., Ph. D.....
.....388 West Sixth Avenue
Assistant Professor of Botany, 1920
Date of first appointment, 1920

GEORGE B. CRANE, B. Sc. in Agr. .....259 Nineteenth Avenue
Assistant Director of Agricultural Extension, 1920
Date of first appointment, 1913-1914; second appointment, 1915

O. CLEMENT CROY, B. Sc. in Agr. .....2163 Neil Avenue
Assistant State Leader of Boys' and Girls' Club Work, 1919
Date of first appointment, 1919

ROBERT B. CRUICKSHANK, B. Sc. (Hort.)....1945 Concord Road
Professor of Horticulture, 1918
Date of first appointment, 1912

EVERETT LEROY DAKAN, B. S.....253 Olentangy Street
Assistant Professor of Poultry Husbandry, 1920
Date of first appointment, 1919

ELOISE DAVISON, B. Sc. in Edu.....1806 North High Street
Instructor in Home Economics, 1918
Date of first appointment, 1918

*FRANK CLIFFORD DEAN, A. B.....1150 Grandview Avenue
Assistant Editor of Agricultural Publications, 1918
Date of first appointment, 1916

FLOYD S. DELASHMUTT, B. Sc. in Agr.....Oak Harbor
Agent for Ottawa County, April, 1921
Date of first appointment, 1917 to February, 1920; second appointment, April, 1921

EDITH M. DICKSON, B. Sc. in H. E. .....4 Thirteenth Avenue
Instructor in Home Economics, 1918
Date of first appointment, 1918

*Resigned May 1, 1921.

RAY FISK DONNAN, B. A., B. Sc. in Agr. ..... Toledo
Agent for Lucas County, April, 1917
Date of first appointment, April, 1917

H. A. DOOLEY, B. A. ..... Cleveland
Agent for Cuyahoga County, 1920
Date of first appointment, 1920

GUY DOWDY, M. Sc. ..... 1541 Michigan Avenue
Assistant State Leader of Boys' and Girls' Club Work, 1920
Date of first appointment, 1920

JOHN F. DOWLER, B. Sc. ..... Jamestown
Assistant in Rural Economics, 1920
Date of first appointment, 1920

GEORGE ALFRED DUSTMAN, B. Sc. ..... Ironton
Agent for Lawrence County, 1920
Date of first appointment, 1920

ROBERT B. DUSTMAN, B. Sc. in Agr. .... 422 West Eighth Avenue
Assistant Professor of Soils, April, 1919
Date of first appointment, April, 1919

GEORGE R. EASTWOOD ..... 98 Twelfth Avenue
District Supervisor of County Agricultural Agents, 1918
Date of first appointment, 1915

HARRY E. ESWINE ..... 1240 East Long Street
Assistant Professor of Agricultural Education, 1920
Date of first appointment, 1910

LEON MERRILL EVANS, B. Sc. in Agr. ..... Chillicothe
Agent for Ross County, April, 1918
Date of first appointment, April, 1918

CARL GEORGE FIELDNER, B. Sc. in Agr. ..... Bryan
Agent for Williams County, March, 1918
Date of first appointment, March, 1918

JENNIE CORNELIA FISHER, B. Sc. ..... Dayton
Home Demonstration Agent for Montgomery County, 1920
Date of first appointment, 1920

NANCY HELEN FOLSOM, B. Sc. in Edu. ..... Norwalk
Home Demonstration Agent for Huron County, 1920
Date of first appointment, 1920

THOMAS B. FOSTER, B. Sc. in Agr. .....Lancaster
Agent for Fairfield County, 1920
Date of first appointment, March, 1917

EDGAR ALLEN FRENCH, B. S. A. .....Ashland
Agent for Ashland County, January, 1920
Date of first appointment, January, 1920

WALTER F. GAHM .....Portsmouth
Agent for Scioto County, February, 1918
Date of first appointment, 1917

ROBERT W. GARDNER, B. Sc. in Agr. .....Somerset
Agent for Perry County, January, 1920
Date of first appointment, 1919

ALMA LUCILLE GARVIN, B. Sc. in Dom. Sci. ...6 Indianola Court
Instructor in Home Economics, 1920
Date of first appointment, 1920

PAUL GERLAUGH, M. S. .....506 West Fifth Avenue
Assistant Professor of Animal Husbandry, March, 1921
Date of first appointment, 1917-1919; second appointment, March, 1921

NORWOOD WESTGATE GLINES, B. Sc. in Hort. .....
.....47 Whitethorne Avenue
Assistant Professor of Vegetable Gardening, April, 1920
Date of first appointment, April, 1920

FRANK S. HAGY, B. S. in Agr.....Kenton
Agent for Hardin County, March, 1920
Date of first appointment, March, 1920

RAYMOND H. HALDERSON, B. S. (Agr.) .....Medina
Agent for Medina County, January, 1921
Date of first appointment, January, 1921

WALLACE EDWIN HANGER, B. Sc. in Agr. .....
.....361 East Northwood Avenue
Professor of Farm Crops, 1918
Date of first appointment, March, 1915

EMIN W. HAWKINS, B. S. .....Springfield
Agent for Clark County, February, 1920
Date of first appointment, February, 1920

JAMES CLAY HEDGE, B. Sc. in Agr. .....Akron
Agent for Summit County, 1916
Date of first appointment, 1916

ARTHUR F. HEDGES, B. S. .....Dayton
Agent for Montgomery County, 1920
Date of first appointment, 1920

SAMUEL RAY HEFFRON, B. Sc. in Agr. .....London
Agent for Madison County, March, 1918
Date of first appointment, March, 1918

WILBUR J. HENDRIX, B. Sc. in Agr. .....Greenville
Agent for Darke County, March, 1918
Date of first appointment, March, 1918

GEORGE FRED HENNING, B. Sc. .....Celina
Agent for Mercer County, 1920
Date of first appointment, 1920

JOHN D. HERVEY .....Marietta
Agent for Washington County, April, 1919
Date of first appointment, April, 1919

KARL D. HIRN, B. Sc. in Agr. .....Wilmington
Agent for Clinton County, 1918
Date of first appointment, 1918

HULDA E. HORST, B. Sc. in H. E. .....426 King Avenue
Assistant State Leader of Boys' and Girls' Club Work, 1918
Date of first appointment, 1915

M. L. HOWELL, A. B. .....Napoleon
Agent for Henry County, 1919
Date of first appointment, 1919

MILO B. JIMISON, B. Sc. in Agr. .....Sandusky
Agent for Erie County, March, 1918
Date of first appointment, 1917

ORVILLE M. JOHNSON .....1775 Bedford Road, Upper Arlington
State Leader of County Agricultural Agents, 1916
Date of first appointment, 1916

*CHARLES J. JONES, B. S. .....Oak Harbor
Agent for Ottawa County, April, 1919
Date of first appointment, April, 1919

*Resigned November 30, 1920.

EARL JONES, M. Sc. .....133 Twelfth Avenue
Assistant Professor of Farm Crops, 1920
Date of first appointment, 1920

LAWRENCE ALBERT KAUFFMAN, B. Sc. .....Jackson
Agent for Jackson County, 1920
Date of first appointment, 1920

THOMAS C. KENNARD, B. Sc. .....Caldwell
Agent for Noble County, 1920
Date of first appointment, 1920

H. ASHFORD LEHMAN, B. Sc. in Agr. .....Canfield
Agent for Mahoning County, January, 1917
Date of first appointment, January, 1917

HENRY STANLEY LEWIS .....Bowling Green
Agent for Wood County, March, 1920
Date of first appointment, March, 1920

CHARLES MELVIN LOUGH, B. S. .....Delaware
Agent for Delaware County, 1920
Date of first appointment, 1920

CARL CLIFFORD LOWE, B. Sc. in Agr. .....Fremont
Agent for Sandusky County, January, 1920
Date of first appointment, January, 1920

FLOYD IRVEN LOWER .....Carrollton
Agent for Carroll County, 1920
Date of first appointment, 1920

JAMES E. MCCLINTOCK, B. Sc. in Agr. ...240 Thirteenth Avenue
Editor of Agricultural Publications, 1918
Date of first appointment, 1914

IVAN MCKELLIP, M. Sc. in Agr.....252 East Gay Street
Professor of Dairying, 1918
Date of first appointment, 1915

FREDERICK HARLAN MCMILLEN, B. A., B. Sc. in Agr.....Hilliards
Assistant Professor of Agricultural Education, 1920
Date of first appointment, February, 1917 to June, 1917; second appointment, 1918

ROBERT HENRY MARTIN, B. Sc. in Agr.....Gallipolis
Agent for Gallia County, 1920
Date of first appointment, 1920

GUY W. MILLER, B. Sc. in Agr. .....Warren
Agent for Trumbull County, 1919
Date of first appointment, 1919

WENDELL PIERSON MILLER, B. Sc. in Agr., 1566 North High Street
Instructor in Agricultural Engineering, 1920
Date of first appointment, 1920

ROY EDGAR MOSER, B. Sc. in Agr. .....Steubenville
Agent for Jefferson County, 1920
Date of first appointment, 1920

LEWARD L. MOWLS .....Newark
Agent for Licking County, January, 1918
Date of first appointment, January, 1918

RALPH W. MUNGER .....Sidney
Agent for Shelby County, March, 1918
Date of first appointment, March, 1918

GROVER CLEVELAND MUSGROVE, B. S. in Agr.....Coshocton
Agent for Coshocton County, February, 1919
Date of first appointment, February, 1919

DILLON S. MYER, B. Sc. in Agr...Chamber of Commerce Building
Agent for Franklin County, 1920
Date of first appointment, 1920

JACOB CARL NEFF, B. Sc. .....St. Clairsville
Agent for Belmont County, 1920
Date of first appointment, 1920

HERSCHEL WARD NISONGER, B. Sc. in Agr.....Grove City
Assistant Professor of Agricultural Education, 1920
Date of first appointment, 1919

ARTHUR A. OLSEN, B. Sc. .....Bucyrus
Agent for Crawford County, January, 1918
Date of first appointment, 1917

FLORENCE M. OSBORN, B. Sc. in H. E. .....Canfield
Home Demonstration Agent for Mahoning County, January, 1921
Date of first appointment, January, 1921

VIRGIL OVERHOLT, B. Sc. in Agr. .....55 Brighton Road
Assistant Professor of Agricultural Engineering, 1920
Date of first appointment, 1915

WILLIAM H. PALMER, M. Sc. .....
.....1789 Bedford Road, Upper Arlington
State Leader of Boys' and Girls' Club Work, 1916
Date of first appointment, 1906-1907; second appointment, 1912

THADDEUS H. PARKS, B. Sc. in Agr.....321 Twentieth Avenue
Professor of Entomology, 1920
Date of first appointment, April, 1918

MAX M. PHILLIPS, B. Sc. in Agr.....Norwalk
Agent for Huron County, 1919
Date of first appointment, 1919

HANNAH REUTENIK PRETZER, B. S. .....Cleveland
Home Demonstration Agent for Cuyahoga County, 1920
Date of first appointment, 1920

FORD S. PRINCE, B. S. .....Xenia
Agent for Greene County, 1918
Date of first appointment, 1918

WANDA PRZYLUSKA .....1477 Worthington Street
Instructor in Home Economics, 1919
Date of first appointment, 1919

HARRY CLIFFORD RAMSOWER, B. Sc. in Agr.....
.....1124 Wyandotte Road
Director of Agricultural Extension, January, 1920
Date of first appointment, 1908

EDWIN RUSSELL RAYMOND, B. Sc. in Agr.....Athens
Agent for Athens County, March, 1920
Date of first appointment, March, 1920

EVERETT P. REED, B. Sc. in Agr. .....Urbana
Agent for Champaign County, 1918
Date of first appointment, 1918

GEORGE O. REED, B. Sc. in Agr. .....Tiffin
Agent for Seneca County, 1918
Date of first appointment, 1918

JOHN JAMES RIGGLE, B. Sc. in Agr., M. Sc.....Painesville
Agent for Lake County, 1919
Date of first appointment, 1919

HOWARD ROGERS, B. Sc. in Agr. .....Elyria
Agent for Lorain County, 1918
Date of first appointment, 1918

ENOS MARION ROWE, B. S. .....Findlay
Agent for Hancock County, April, 1919
Date of first appointment, April, 1919

CLARENCE E. ROWLAND .....Lisbon
Agent for Columbiana County, March, 1920
Date of first appointment, March, 1920

GLENN KENTON RULE, B. Sc. in Agr. .....Van Wert
Agent for Van Wert County, January, 1920
Date of first appointment, January, 1920

ROBERT MUNDHENK SALTER, M. Sc. .....445 King Avenue
Assistant Professor of Soils, February, 1921
Date of first appointment, 1914-1915; second appointment, February, 1921

MARIE SAYLES, A. M. .....161 Fourteenth Avenue
State Leader in charge of Home Demonstration Agents, March, 1921
Date of first appointment, March, 1921

JACOB P. SCHMIDT, B. Sc. in Agr.....Mt. Gilead
Agent for Morrow County, January, 1919
Date of first appointment, January, 1919

PAUL L. SHARRITT, B. Sc. in Agr. .....Troy
Agent for Miami County, 1918
Date of first appointment, 1918

CHESTER R. SHUMWAY, B. S. A. .....Ravenna
Agent for Portage County, 1917
Date of first appointment, 1917

EARLE CAMPBELL SLEETH, M. Sc. .....Jefferson
Agent for Ashtabula County, 1917
Date of first appointment, 1915

*ARTHUR G. SMITH, B. Sc. A. .....Canton
Agent for Stark County, 1916
Date of first appointment, 1916

*Resigned March 25, 1921.

BURRELL B. SPOHN.....1128 Lincoln Road, Grandview Heights
Assistant State Leader of Boys' and Girls' Club Work, 1917
Date of first appointment, 1917

WILLIAM E. STONE .....Cincinnati
Agent for Hamilton County, March, 1919
Date of first appointment, March, 1919

STANLEY B. STOWE .....Marion
Agent for Marion County, 1920
Date of first appointment, 1916

RALPH F. TABER, B. S. .....248 East Patterson Avenue
Assistant Professor of Rural Economics, 1918
Date of first appointment, January, 1918

PAUL HAMILTON TEAL, B. S. .....Defiance
Agent for Defiance County, 1920
Date of first appointment, 1920

CLYDE FRANKLIN TOM, B. Sc. in Agr. .....Batavia
Agent for Clermont County, 1920
Date of first appointment, 1920

ERNEST D. TURNER, B. S. .....Eaton
Agent for Preble County, April, 1921
Date of first appointment, April, 1921

HAROLD PRESTON TWITCHELL .....136 East Northwood Avenue
Assistant in Agricultural Engineering, 1920
Date of first appointment, 1920

GEORGE VALLEY, B. Sc. in Agr., M. Sc...105 West Lane Avenue
Assistant in Agricultural Chemistry and Soils, 1918
Date of first appointment, 1917

LYNN STAUFFER VAN NATTA, B. S. in Agr.....Lima
Agent for Allen County, 1919
Date of first appointment, 1919

JOHN D. VAN HOUTEN, B. Sc. in Agr.....Georgetown
Agent for Brown County, 1919
Date of first appointment, 1919

GATES STERLING VICKERS, M. S. in Agr. .....
.....48 East Frambes Avenue
Instructor in Poultry Husbandry, 1920
Date of first appointment, 1920

ZENAS BEACH WALLIN, Ph. B., Ph. M....18 West Tenth Avenue
Assistant Professor of Rural Economics, 1920
Date of first appointment, 1920

GRACE MERL WEAVER, B. Sc. in H. E. .....Sandusky
Home Demonstration Agent for Erie County, 1920
Date of first appointment, 1920

RALPH WILLIAM WELLS, B. Sc. in Agr.....Woodsfield
Agent for Monroe County, February, 1920
Date of first appointment, February, 1920

THOMAS ADELBERT WHEELER, B. Sc. in Agr.....Millersburg
Agent for Holmes County, 1919
Date of first appointment, 1919

FLORENCE HESS WILLISON, B. Ph., B. Sc. in H. E. .....
.....36 West Tenth Avenue
Instructor in Home Economics, 1914
Date of first appointment, 1914

CHAUNCEY ELSWORTH WILSON, B. A. ...1493 North Fifth Street
Assistant in Agricultural Publications, 1920
Date of first appointment, 1920

CLAYTON JOHN WINDAU, B. Sc. in Agr. .....Ottawa
Agent for Putnam County, 1919
Date of first appointment, 1919

KARL THOMAS WOODWARD, B. Sc. .....Pomeroy
Agent for Meigs County, 1920
Date of first appointment, 1920

JOHN W. WUICHET, B. Sc. in Agr. .....
.....1975 Arlington Avenue, Upper Arlington
Assistant Professor of Animal Husbandry, 1917
Date of first appointment, 1916

ROBERT WYLIE, B. Sc. in Agr., A. M. .....Zanesville
Agent for Muskingum County, 1919
Date of first appointment, 1919

INSTRUCTORS IN SMITH-HUGHES TRAINING SCHOOL

HARRY ATWOOD, B. Sc. in Agr. .....Hilliards
Instructor in Agricultural Education, 1920
Date of first appointment, 1920

CLARA M. BANCROFT, B. Sc. in Agr.....55 Linwood Avenue
Assistant Professor of Home Economics, 1920
Date of first appointment, 1919

WILLIAM FRENCH BRUCE, B. Sc. in Agr. .....
.....R. F. D. No. 3, Station C
Instructor in Agricultural Education, 1920
Date of first appointment, March, 1920

GEORGE G. EVERHART .....Canal Winchester
Instructor in Agricultural Education, March, 1921
Date of first appointment, March, 1921

RAY FIFE, B. S. .....23 University Place
Assistant Professor of Agricultural Education, 1919
Date of first appointment, 1917

HENRIETTA GROMME, B. Sc. in Dom. Sci. .....
.....339 East Maynard Avenue
Instructor in Home Economics, 1919
Date of first appointment, 1918

ALMEDA ELIZABETH JONES, B. Sc. in Edu...1041 Madison Avenue
Instructor in Home Economics, 1920
Date of first appointment, 1920

*ROY D. KAUFFMAN, B. S. .....Canal Winchester
Instructor in Agricultural Education, 1918
Date of first appointment, 1918

HAROLD GEORGE KENESTRICK, B. Sc. in Agr.....Grove City
Instructor in Agricultural Education, 1919
Date of first appointment, 1919

ARTHUR CHESTER KENNEDY, B. Sc. in Agr.....Worthington
Instructor in Agricultural Education, 1920
Date of first appointment, 1920

ENID WILLARD LUNN, B. Sc. in Edu.....1496 North High Street
Instructor in Home Economics, 1919
Date of first appointment, 1918

IDA MAE PATTERSON, B. Sc. in H. E. .....Canal Winchester
Instructor in Home Economics, 1919
Date of first appointment, 1919

ETTIE LOUISE WAID, B. Sc. in H. E. .....Reynoldsburg
Instructor in Home Economics, 1919
Date of first appointment, 1918

*Resigned March 1, 1921.

COLLEGE OF MEDICINE
HOSPITAL INTERNES

WILL LAKE BEACH, D. V. M., M. D. .....Protestant Hospital
WALLACE HILTON BUKER, M. D. .....St. Francis Hospital
PAUL RICHARD ENSIGN, B. Sc., M. D. .....Protestant Hospital
MORRIS GOLDBERG, B. A., M. D. .....St. Francis Hospital
CARL AARON HYER, M. D. .....Protestant Hospital
KENNETH DOUGLASS SNEARY, M. D. .....Protestant Hospital

COLLEGE OF HOMOEOPATHIC MEDICINE
TRAINING SCHOOL FOR NURSES

NORA DELASHMUTT, R. N. .....1377 Forsythe Avenue
Pharmacy Nurse, 1920
Date of first appointment, 1920

MERIAN FLEDDERJOHANN, R. N. .....221 West Eleventh Avenue
Supervisor of Maternity Ward, January, 1921
Date of first appointment, January, 1921

*ETHEL M. HARDY, R. N. .....Homoeopathic Hospital
Supervisor of Operating Room, 1920
Date of first appointment, February, 1920

JESSIE F. M. HARROD, R. N. .....1630 Neil Avenue
Superintendent, 1920
Date of first appointment, 1914

HENRIETTA F. HYMANS, R. N. .....190 West Eleventh Avenue
Supervisor of Children's Ward, January, 1921
Date of first appointment, July, 1917 to November, 1917; second appointment, 1919

GERTRUDE LOESSEL, R. N. .....190 West Eleventh Avenue
Principal of Nurses' Training School, 1920
Date of first appointment, 1916

KATHERINE M. PERCY .....1630 Neil Avenue
Dietitian, 1918
Date of first appointment, 1918

ETHEL M. SCHAEFFER, R. N. .....190 West Eleventh Avenue
Night Supervisor, December, 1919
Date of first appointment, December, 1919

*Resigned October 1, 1920.

**INEZ TERRY, R. N. .....Homoeopathic Hospital
Teacher of Surgical Nursing, 1920
Date of first appointment, 1920

MISCELLANEOUS

ARTHUR BAYES .....88 East Norwich Avenue
Superintendent of Poultry Plant, 1912
Date of first appointment, 1912

GUSTAV BRUDER .....487 Kelton Avenue
Band Master, 1899
Date of first appointment, 1899

DAVID M. FYFFE .....Route 2, Station B
Superintendent of Live Stock, 1906
Date of first appointment, 1906

FRED E. JONES .....255 Oakland Park Avenue
Receiving Clerk, 1908
Date of first appointment, 1908

JOHN C. LYSATT ....1525 Wesley Avenue
Technician, 1912
Date of first appointment, 1912

CHESTER W. MCCLINTOCK .....64 West Woodruff Avenue
Storekeeper, Laboratory Supply Store, 1917
Date of first appointment, 1917

ALBERT E. SMITH .....77 East Frambes Avenue
Farm Foreman, 1913
Date of first appointment, 1913

NON-RESIDENT INSTRUCTORS IN SUMMER SESSION 1920

JASPER C. BARNES, Ph. D. .....Maryville, Tenn.
Dean of Maryville College

E. C. BROOM .....East Orange, N. J.
Superintendent of Public Schools

KARL F. GEISER, Ph. D. .....Oberlin
Professor of Political Science, Oberlin College

H. S. GOOD, Ph. D. .....Hamilton, N. Y.
Professor of the History of Education, Colgate University

**Resigned February 17, 1921.

A. O. HECK ..... Akron
Head of the Bureau of Research, Akron Public Schools

EDITH S. MOODIE, B. A. ..... Columbus
Department of Physical Education, Columbus School for Girls

CARL A. MURCHISON, A. B. ..... Oxford
Professor of Psychology, Miami University

CARROLL R. REED, A. M. ..... Rockford, Ill.
Superintendent of Schools

WILLIAM STRUNK, JR., Ph. D. ..... Ithaca, N. Y.
Professor of English, Cornell University

NON-RESIDENT INSTRUCTORS AT LAKE LABORATORY 1920

MALCOLM E. STICKNEY, M. A. ..... Granville
Plant Ecology
Professor of Botany, Denison University

STEPHEN R. WILLIAMS, Ph. D. ..... Oxford
Invertebrate Zoology
Professor of Zoology, Miami University

STANDING COMMITTEES OF THE FACULTY
1920-1921

Graduate Council

For One Year:

J. B. Park
C. E. Sherman
G. H. McKnight
W. H. Siebert

For Two Years:

R. C. Osburn
W. L. Evans
Alpheus W. Smith
J. A. Leighton

For Three Years:

E. N. Transeau
L. F. Anderson
G. M. Bolling
Rudolph Pintner

Representative for Ohio University

E. W. Chubb

Representative for Miami University

Harvey C. Brill

Library Council

The President
The Librarian
The Deans

Rules

The President
The Deans

Diplomas

T. E. French

Instruction

M. B. Hammond
C. C. McCracken
W. J. McCaughey
C. T. Morris
G. H. McKnight
F. E. Bear
H. R. Spencer

Commencement

C. D. Laylin
V. A. Ketcham
W. C. Weidler

Publication Board

The President
The Registrar
T. E. French
C. W. Foulk
O. C. Hooper
E. L. Beck
H. G. Hayes

Registration

The Registrar
The Bursar
The Secretaries of the Colleges

Entrance Board

The President
The University Examiner
E. L. Beck
F. E. Held
E. L. Usry
G. R. Twiss
F. E. Bear
J. E. Carman
W. L. Evans

Schedule

Miss Cockins
E. F. Coddington
F. W. Ives
E. H. McNeal
C. A. Dye
O. V. Brumley

Appointment

The President
J. L. Clifton
C. C. McCracken
H. C. Hockett
Miss Conrad

Military and Gymnasium Board

The President
The Commandant
L. W. St. John

Summer Session

M. B. Evans
G. F. Arps
C. C. North
W. L. Evans
Robert Meiklejohn
C. F. Kelley

Athletic Board

T. E. French
O. V. Brumley
C. St. J. Chubb
C. T. Morris
D. J. Kays

Amusements and Receptions

J. S. Myers
W. L. Graves
J. H. Nichols
Elisabeth Conrad
Faith Lanman

Fraternities

A. H. Tuttle
Arthur C. Cole
W. S. Elden
J. E. Carman
F. W. Coker

Sororities

Miss Conrad
Miss Jones
Miss Lanman

THE OHIO STATE UNIVERSITY

LOCATION

The Ohio State University is situated within the corporate limits of the City of Columbus. The University grounds cover eight hundred and twenty acres, of which about six hundred and eighty-five acres are devoted to agriculture and horticulture.

HISTORY

The land grant made by the United States under an act approved by President Lincoln, July 2, 1862, provided that there should be granted to each State an amount of public land equal to thirty thousand acres for each Senator and Representative to which the State was entitled by the apportionment of the census of 1860. The proceeds arising from the sale of these lands were to constitute a fund which was to remain forever undiminished, and the interest of the same to be inviolably applied by each State which should take and claim the benefits of the act, to the endowment, support, and maintenance of at least one "college where the leading objects shall be, without excluding other scientific and classical studies and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislature of the State may respectively prescribe in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life."

Governor Todd, in November, 1862, brought the subject before the State Board of Agriculture and later to the attention of the Legislature. In January, 1864, Hon. Columbus Delano introduced a bill accepting the grant. This became a law February 9, 1864, and pledged the faith of the State to the performance of all the conditions and provisions contained therein. In 1866, an act introduced by Hon. J. T. Brooks was passed, which provided for the establishment of the Ohio Agricultural and Mechanical College, but the provisions were not carried into effect and a second act, introduced by Hon. R. P. Cannon, was passed in 1870 entitled," An act to establish and maintain an Agricultural and Mechanical College in Ohio." Under the provisions of this act the institution was located in Columbus, and the Board

proceeded to the organization of the college and the election of a faculty of instruction. The institution was opened for the reception of students on the seventeenth day of September, 1873.

In 1878, the Legislature passed "An act to organize and change the name of Ohio Agricultural and Mechanical College and to repeal certain acts therein mentioned." The act provided that the institution should be hereafter designated as "The Ohio State University." Up to this time but one appropriation had been made by the State for the support of the institution. With the reorganization came the larger and broader view of the State's relation to public education, and since that time the Ohio State University has enjoyed more generous support by the State.

The original endowment has been supplemented and the objects of the University promoted by a permanent annual grant from the United States under an act of 1890, by special appropriations of the General Assembly, and in 1891 by a permanent annual grant from the State, which grant was doubled by the Legislature in 1896 and further increased in 1906. In accordance with the spirit of the law under which it is organized, the Ohio State University aims to furnish ample facilities for education in the liberal and industrial arts, the sciences and the languages, and for thorough technical and professional study of agriculture, engineering in its various departments, veterinary medicine, pharmacy, law, medicine, homœopathic medicine, dentistry, applied optics, and commerce and journalism. Through the aid which is received from the United States and from the State, it is enabled to offer its facilities, except in the professional colleges, with a small registration fee to all persons of either sex who are qualified for admission.

ADMINISTRATION AND ORGANIZATION

ADMINISTRATION

The governing body of the Ohio State University is a Board of Trustees, seven in number, appointed by the Governor of the State and confirmed by the Senate, for terms of seven years.

Under the Board of Trustees the management is vested in the President, as the executive head of the University, and the University Faculty, whose duties are legislative.

For convenience of administration, the departments of the University are grouped into organizations called Colleges, each under the administration of a Dean and College Faculty.

The President assigns members of the instructional force to membership in the faculties of the several colleges in accordance with the rules of the University Faculty. These faculties have jurisdiction in all matters that pertain exclusively to the colleges they represent, subject to higher University authority. The executive committees of the several colleges, composed of the deans and other members appointed by the deans, have charge of minor questions of discipline and administration.

ORGANIZATION

The Ohio State University comprises a Graduate School and eleven Colleges, as follows:

Graduate School
College of Agriculture
College of Arts, Philosophy and Science
College of Commerce and Journalism
College of Dentistry
College of Education
College of Engineering
College of Homoeopathic Medicine
College of Law
College of Medicine
College of Pharmacy
College of Veterinary Medicine

SUMMER SESSION

In addition to the above, there is a Summer Session under the supervision of a governing committee for the administration of the regular University courses offered in the summer.

THE GRADUATE SCHOOL

The instruction and training of graduate students has been one of the functions of the Ohio State University since 1878, when the first graduate student was in residence. For a number of years the graduate work of the University was unorganized and each department conducted its own work with little reference to that of other departments. After the University was divided into colleges, each college controlled the graduate work offered in the various departments constituting that college. In 1902, however, the graduate work within the College of Arts, Philosophy and Science had assumed sufficient proportions to warrant the organization of a Graduate School to secure an effective and systematic arrangement of the graduate work of that College. Finally in 1911, there was organized the Graduate School of the University to administer all the graduate work offered in the several departments of the University. This school is under the administration of a Graduate Council consisting of the Dean and fourteen members, twelve of whom are appointed from those offering graduate work in the Ohio State University and one each from the faculties of Ohio University and Miami University. This Council reports directly to the University Faculty, which is the legislative body of the Graduate School, as well as of the eleven colleges.

AGREEMENTS BETWEEN THE OHIO STATE UNIVERSITY AND OTHER STATE-SUPPORTED INSTITUTIONS BEARING ON GRADUATE WORK

In order that the facilities of certain institutions of the State of Ohio may be utilized for the pursuit of research work in connection with the Graduate School of the University, certain agreements have been made between the Board of Trustees of the Ohio State University and similar boards of Ohio University, of Miami University, of the Ohio Experiment Station, and of the Bureau of Juvenile Research. Briefly, these agreements are as follows:

(a) **With Ohio University and Miami University.** Each of these Universities is represented upon the Graduate Council of the Ohio State University. It is agreed, however, that no graduate work will be offered by Ohio University and Miami University except that part-time assistants connected with the instructional staff of Ohio University or Miami University may pursue their graduate work for the Master's degree at these Universities, subject to the supervision of the Graduate

Council of the Ohio State University, and upon the successful completion of the same will receive their degree from the Ohio State University.

(b) **With the Ohio Experiment Station.** Persons engaged in investigation at the Ohio Experiment Station may register in the Graduate School of the University and the research work carried on at the Station by such persons may be counted towards a graduate degree under appropriate restrictions. All such cases, however, shall be considered individual and subject to detailed examination on the part of the Graduate Council. It is possible for a student to complete his work for the Master's degree in residence at the Station alone. For the Doctor's degree, he must spend at least one year in residence at the Ohio State University. In all cases, however, the work of the student is carried on under the general rules and regulations of the Graduate Council and the final examinations must be taken at the University in the presence of representatives of the Experiment Station staff and of the Graduate Council.

(c) **With the Bureau of Juvenile Research.** The Bureau of Juvenile Research is an institution of the State of Ohio organized for the purpose of examining delinquent juveniles, with a view to determining the best disposition to be made of each individual case. The work is in charge of a director who, together with a number of assistants, constitutes the examining staff. This work is at present conducted in suitable buildings located on the grounds of the State Hospital, Columbus, Ohio. This institution offers exceptional advantage for the study of certain phases of psychological problems.

Arrangements have been made whereby graduate students of the University majoring in Psychology may take a portion of their work at the Bureau. In order to carry this out effectively the Director of the Bureau is officially connected with the instructional force of the Department of Psychology of the University. The courses offered at the Bureau will be found listed under the Department of Psychology.

COLLEGE OF AGRICULTURE

The four-year curricula of this College consist of regular collegiate courses of the University and lead to the degree of Bachelor of Science. These courses offer opportunity for specialization in Agriculture, Horticulture, Forestry, Landscape Architecture, Applied Entomology, and Home Economics.

The College also offers three Winter Courses for the benefit of those who cannot leave their farm work except during the winter

months. These courses are in general agriculture, poultry husbandry, and dairying. They begin the first week in January and continue for eight weeks.

Extension Courses in Agriculture are given during the winter months in the various counties of the State. These courses are one week in length and are designed to give practical instruction in the local agricultural and domestic problems.

COLLEGE OF ARTS, PHILOSOPHY, AND SCIENCE

This College comprises those curricula that are designed to furnish a liberal education in the languages and literatures, the sciences, mathematics, philosophy, history, politics, economics, sociology, and preparation for commerce, law, medicine, philanthropic work, administration, journalism, dentistry, and the higher positions in teaching.

COLLEGE OF COMMERCE AND JOURNALISM

The curricula in this College offer professional training to young men and women who plan to enter the fields of Business Administration, Journalism, and Public or Social Service. The work in this College is based upon two years of college training and presents an opportunity to specialize in accounting, banking and finance, insurance, journalism, manufactures, marketing, foreign commerce, transportation, public service, and social service.

COLLEGE OF DENTISTRY

The College of Dentistry presents a four-year course of study, based on one year of pre-dental collegiate work, in the sciences fundamental to dental surgery, leading to the degree of Doctor of Dental Surgery.

The curriculum prepares fully for examinations prescribed by national and state laws.

COLLEGE OF EDUCATION

This College is one of the officially approved instrumentalities of the State for the professional training of teachers.

It endeavors to bring into proper adjustment within the limits of a four-year course the academic training, the theoretical professional

training, and the practical professional training necessary for a proficient teacher.

Special four-year curricula are offered in Art, Industrial Education, and Home Economics.

COLLEGE OF ENGINEERING

The purpose of the College of Engineering is to instruct students in the fundamental sciences and arts upon which all engineering rests and to impart such special and technical knowledge of the various branches of engineering as will enable its graduates to enter them and maintain themselves while gaining their professional experience.

Four-year curricula are offered in Architecture, Architectural Engineering, Ceramic Engineering, Chemical Engineering, Civil Engineering, Electrical Engineering, Mechanical Engineering, Metallurgical Engineering, Mine Engineering, and General Engineering.

COLLEGE OF HOMOEOPATHIC MEDICINE

The College of Homoeopathic Medicine provides a four-year curriculum based upon two years of college work, leading to the degree, Doctor of Medicine.

The Homoeopathic Hospital in charge of the College is located on the Campus. It draws clinical material from the City of Columbus and from the various counties of Ohio. Opportunities for clinical studies are afforded also at the State Institution for the Deaf, the Ohio Penitentiary, and the University Homoeopathic Dispensary.

There is maintained in connection with the Homoeopathic Hospital a Training School for Nurses. The course of study covers three years. Lectures are given by graduate nurses, members of the College Faculty, and professors in the Department of Home Economics.

COLLEGE OF LAW

The College of Law provides a three-year curriculum based upon two years of college work, leading to the degree, Bachelor of Laws or Juris Doctor.

The Law Library facilities are ample. In the City of Columbus are held sessions of Federal and State Courts of all grades, to which students have access for observation practice. Numerous moot courts under proper supervision are held in the College.

COLLEGE OF MEDICINE

The College of Medicine provides a four-year curriculum based upon two years of college work, leading to the degree, Doctor of Medicine.

The College is able to utilize the unusual clinical facilities afforded by the numerous hospitals and charitable institutions located in Columbus. In all respects it conforms with the highest standards set by the American Medical Association.

The College also offers professional training in Public Health Nursing. This work is based upon graduation from a nurses' training school of recognized standing, and is designed to prepare nurses for public health nursing in cities and rural communities.

Instruction in Industrial Medicine is offered under the administration of the College of Medicine, with the cooperation of the Departments of Economics, Education, English, Physiology, Psychology, Sociology, and Surgery. The principal object of this course is to prepare graduates in Medicine, both young women and men, to become medical directors and supervisors in industrial establishments. Stress is laid upon the fundamentals of hygiene and sanitation as they apply to industry.

COLLEGE OF PHARMACY

The College of Pharmacy aims to furnish a technical and practical training for the pharmacist.

The College offers a four-year curriculum for the pharmacist leading to the degree, Bachelor of Science in Pharmacy, and a two-year curriculum for the pharmaceutical chemist.

COLLEGE OF VETERINARY MEDICINE

The College of Veterinary Medicine aims to fit its students for the regular practice of veterinary medicine; to offer the special training necessary to equip its graduates for positions in the Federal Civil Service and for positions of state and municipal inspectors; and to provide opportunity for graduate work for those who contemplate research work or teaching.

The curriculum is four years in length, and leads to the degree of Doctor of Veterinary Medicine.

PUBLIC HEALTH AND SANITATION

The course in Public Health is offered under the administration of the Graduate School of the Ohio State University with the cooperation of the State Department of Health, and leads to the degree, Master of Science in Public Health.

The principal object of the course is to prepare young men and women for public health work in Ohio and elsewhere; to fit them to occupy administrative and executive positions as health officers, members of boards of health, secretaries, agents, or inspectors of health organizations, either official or voluntary. The course is planned to provide the scientific ground-work of sanitary knowledge, which underlies efficient health administration. The subjects embraced in the courses of study have been selected to cover a wide range, including medical, biological, hygienic, social, and engineering sciences, together with practical health administration.

APPLIED OPTICS

The purpose of this course is to adequately prepare its students to enter the field of optics as applied to the detection and correction of the errors of refraction, accommodation, and associated functions of the eye. It offers a thorough training in theoretical and practical optics and the application of optical principles to the correction of visual errors, with clinical practice in both the refractive and pathological fields. The curriculum covers four years and leads to the degree, Bachelor of Science in Applied Optics.

THE SUMMER SESSION

The University maintains a Summer Session of eight weeks in which many regular courses are offered, and in addition special courses that are not given during the regular college year.

The special aim of the Summer Session is to place the extensive equipment of the University at the service of those who cannot be in residence during the first and second semesters. The work, however, has been planned especially to meet the needs of two classes of students, namely, (a) those engaged in public school education and (b) graduate students.

All students who attend the Summer Session are registered in one of the regular colleges of the University, determined by the field in which they wish to study or the purpose they have in view.

THE LAKE LABORATORY

The work of the Lake Laboratory affords investigators, teachers and advanced students of biology an opportunity for the special study of the biology of the Lake Erie region, and for advanced instruction in biological subjects.

The Laboratory is located at Put-in-Bay, in commodious quarters provided by the State Fish Hatchery Building.

Extensive marshes, the river, native forest, sandy beach, and rocky island are all within easy reach and furnish opportunities for study of life under greatly varied conditions. The extensive fishing industry centering at Sandusky affords special opportunity for study and investigation in ichthyology.

DEGREES

The following degrees are conferred at graduation upon those who have successfully completed the regular courses leading to such degrees and who have fulfilled all other requirements of the University:

Graduate School: The higher degrees conferred by the University are as follows: Master of Arts, Master of Science, Master of Science in Public Health, Master of Science in Social Administration, Doctor of Philosophy, and the following professional Engineering degrees: Architect, Architectural Engineer, Ceramic Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer, and Engineer of Mines.

College of Agriculture: Bachelor of Science.

College of Arts, Philosophy and Science: Bachelor of Arts, Bachelor of Science, and Bachelor of Science in Applied Optics.

College of Commerce and Journalism: Bachelor of Science in Business Administration, Bachelor of Science in Journalism, Bachelor of Science in Public Service, and Bachelor of Science in Social Service.

College of Dentistry: Doctor of Dental Surgery.

College of Education: Bachelor of Science in Education.

College of Engineering: Bachelor of Architecture, Bachelor of Architectural Engineering, Bachelor of Ceramic Engineering, Bachelor of Chemical Engineering, Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, Bachelor of Metallurgical Engineering, Bachelor of Engineering in Mining, and Bachelor of Engineering.

College of Homoeopathic Medicine: Doctor of Medicine.

College of Law: Juris Doctor and Bachelor of Laws.

College of Medicine: Doctor of Medicine.

College of Pharmacy: Bachelor of Science in Pharmacy.

College of Veterinary Medicine: Doctor of Veterinary Medicine.

BUILDINGS

UNIVERSITY HALL

University Hall contains the adminstrative offices of the President, the Secretary of the Board of Trustees, the Registrar, and the Entrance Board; the offices of the Deans and the Secretaries of the Colleges of Arts, Philosophy, and Science, Education, and the Graduate School. There is an assembly room with a seating capacity of eleven hundred, a rest-room for young women, and lecture rooms for the Departments of American History, German, Greek, European History, Latin, Mathematics, Philosophy, and Psychology. An electric passenger elevator connects all floors.

ORTON HALL

The Department of Geology is located in Orton Hall, which was constructed for its use in 1892. It contains recitation rooms and laboratories for geology, paleontology, physiography, and economic geology. The equipment is adequate and consists of maps, models, casts, fossils, minerals, rocks and economic materials, and the necessary cases for their preservation and use. The extensive collection of the Geological Museum is available for advanced students and others that are prepared to use it.

The Edward Orton Memorial Library is also located in Orton Hall. This library was established in 1916 by Edward Orton, Jr., in memory of his father, who was professor of Geology from 1873 to 1899 and State Geologist from 1882 to 1899. This library contains the University collection of books on geology, the Geological Survey collection, the Prosser collection, and the Orton collection. The rooms are unusually attractive and the collection of books is excellent. By reason of the generosity of Edward Orton, Jr., and the Geological Survey's exchanges the library will increase rapidly in volumes. It now offers excellent facilities to students of geology.

HAYES HALL

Hayes Hall contains the lecture rooms and studios of the Department of Art; the offices and lecture rooms of the Departments of

History of Education, School Administration, Principles of Education, Political Science, and Romance Languages; and the office of the Director of the Student Health Service.

THE OBSERVATORY

The Emerson McMillin Observatory is the gift of Mr. Emerson McMillin, of New York. It is equipped with a 12".½ telescope provided with a position micrometer and powerful spectroscope. There is also a three-inch transit, zenith telescope, and a full assortment of instruments for teaching geodetic astronomy. The building contains lecture rooms, offices, observing rooms, an instrument shop and laboratory.

TOWNSHEND HALL

This building is the headquarters of the College of Agriculture. It contains the offices of the Agricultural Extension Service; the offices of the Departments of Agricultural Education and Rural Economics; lecture rooms and laboratories for Agricultural Chemistry, for work in Soils and for Dairying; rooms for pasteurizing, refrigerating, buttermaking, cheesemaking, cheese-curing and dairy mechanics. Connected with Townshend Hall is a building from which power and steam are furnished for the dairy laboratories.

BIOLOGICAL BUILDING

The Biological Building accommodates the Departments of Anatomy and Physiology. It contains lecture rooms, preparation rooms, storerooms, library, offices, and laboratories.

THE GYMNASIUM

The Gymnasium, erected at a cost of $115,000, furnishes a clear floor space 80 by 150 feet. The main floor is surrounded by a running track (13 laps to the mile) twelve feet above the floor, back of which is a visitors' gallery affording seating capacity for about seven hundred. The basement is given over to an exercise room; locker rooms, shower baths, and a swimming pool for women. The two large towers supply office accommodations for the Department of Physical Education.

PAGE HALL

Page Hall was built primarily for the College of Law. The first story is utilized for class and lecture rooms, and for the offices of the Dean, the Secretary, and the instructors. On the second floor is a

large reading room and a fireproof room for the bookstacks, designed to give shelving space to 50,000 volumes.

The College of Commerce and Journalism is temporarily housed in this building.

BROWN HALL

Brown Hall is devoted to Civil Engineering, Architecture, Engineering Drawing, and Photography. It also contains a library and reading room, in which are found books and periodicals pertaining to the work of these departments.

The building is two stories high with basement above grade. The main structure has a frontage of 217 feet from which two short wings project to the rear.

PHYSICS BUILDING

This building is 105 feet long by 102 feet deep and four stories high. In the basement are two large electrical laboratories, photometer room, two constant-temperature rooms, a storage-battery room, dynamo room, and shop. The first floor contains a large laboratory for Sophomores and smaller advanced laboratory, apparatus room, balance and standards room, mercury room, offices, and three large lecture rooms, etc. On the second floor are five lecture rooms, one of which has a seating capacity for 250, apparatus room, chemical laboratory, photographic dark room, and instructors' room; while the third floor has a grating room, elementary laboratory, and five classrooms.

The Department of English is temporarily housed in this building.

CHEMISTRY BUILDING

The Chemistry Building accommodates the Departments of Chemistry and Pharmacy. The building is a large two-story brick structure, with a well lighted basement. In the basement are the large laboratories for students in elementary chemistry, accommodating 800. In addition there are a number of small rooms designed for work in industrial chemistry. The west half of the first floor is occupied by the Department of Pharmacy. The east half of the floor consists of a large laboratory for organic chemistry with accommodations for ninety students, a lecture room, a research laboratory, a library room, and the office and private laboratory of the professor of organic chemistry. The central room of the first floor is occupied by the Chemical Supply Store, which is directly connected by a corridor

with the fireproof storeroom in the rear of the building. On the second floor are the offices, laboratories, and lecture rooms of the professors of physical, inorganic, and analytical chemistry, and also the large lecture room for general chemistry.

LORD HALL

This building was named in honor of the late Nathaniel Wright Lord, Professor of Metallurgy and Mineralogy and the first Dean of the College of Engineering.

The building accommodates the Departments of Metallurgy, Mineralogy, Mine Engineering, Mechanics, Ceramic Engineering, and the Ceramic Experiment Station of the U. S. Bureau of Mines. It is a three-story brick structure, 220 feet long by 70 feet wide; with two wings 40 by 50 feet, one of which is three stories in height and the other, one story. The Department of Mine Engineering is equipped with a lecture room, museum, and a large drawing-room, photographic room, blue-print room, and a room for surveying instruments. The Department of Metallurgy is equipped with offices, lecture rooms, a metallurgical museum, a chemical laboratory, an instructors' laboratory, a sampling and ore-dressing plant, a furnace room with furnaces for metallurgical operation and fire assaying, and special laboratories for the ultimate analysis of fuels, for gas analysis, for calorimetry, for metallography, and for research. The Department of Mineralogy has a large mineral collection; a large laboratory for descriptive mineralogy, and two smaller laboratories, one for determinative mineralogy and blow-pipe analysis and the other for advanced crystallography, microscopic mineralogy, and microscopic petrography. The equipment of the Department of Ceramic Engineering includes lecture rooms, museum, chemical and physical laboratories, a large drafting room and a special laboratory for teaching and research in the silicate industries. In addition a large room has been set aside for library and reading room purposes for the joint use of the four departments.

The equipment of the Ceramic Experiment Station is not available for instructional purposes, but the important experimental and research work which is continually being done by the Station should be a great benefit to Ceramic students. The work of the Station is always open to the students as well as the interested public for inspection and observation.

ROBINSON LABORATORY

This building was named in honor of the late Stillman W. Robinson, who was the first professor of Mechanical Engineering in the University.

It contains the recitation rooms and laboratories of the Departments of Mechanical and Electrical Engineering. It is of modern shop construction, with saw-tooth roof, and is made up of one 48-foot division, 144 feet long, and seven 30-foot divisions, 112 feet long, which together with enclosed galleries at the sides gives a total width of 310 feet. The enclosed galleries with the space under them are used for special laboratories, classrooms, and offices.

In the portion of the building devoted to Mechanical Engineering are constructed twelve concrete cisterns, a well 30 feet deep, and a flume having a total capacity of 133,000 gallons. Here also are the laboratories for the testing of materials and the steam machinery and gas engine laboratories. In connection with the boiler room, there is a 100-foot chimney with observation platform at different levels. The two fan-systems of heating and ventilation are arranged so as to be utilized in experimental and research work.

Included in the Electrical Engineering laboratories are three of the 30-foot divisions, allotted respectively to direct current dynamo machinery, alternating current dynamo machinery, and miscellaneous electrical equipment. In this latter division is a space fenced off for high voltage work, and several small spaces for research. There are two balconies used for exhibits and for special work. The rooms at the end of the building include standardization, illumination, telephone and radio laboratories, and construction and repair shops, besides offices and classrooms.

THE ANIMAL HUSBANDRY GROUP

These buildings consist of a judging pavilion and two barns. They are of a uniform style of architecture, and are built of brick with limestone trimmings and red tile roofs.

The Judging Pavilion contains the offices, classrooms, and the judging pavilion with its tan-bark arena 50 by 112 feet. The north and south ends of the pavilion have double doors 10 feet wide, providing ample and convenient entrance for live stock and vehicles upon the judging floor. A tier of platforms provides seating capacity for several hundred persons. A series of large doors hung on overhead track provides for changing this room into three rooms, so that three separate classes may be conducted.

The Horse Barn has a main frontage of 63 feet and a depth to the wings of 48 feet. Two wings extend back of the main front, each having a width of 35 feet and length of 82 feet. The wings cover an extreme width of 108 feet back of the front portion, with an unpaved yard between, 39 feet wide. In this yard is a covered shed containing box stalls for brood mares. The main part of this barn has a concrete floor and is used for vehicles and an office for the Farm Foreman.

The Cattle Barn consists of a main front 144 feet north and south by 48 feet deep east and west. On the west are two wings approximately 104 feet long and 38 feet wide. The south wing, which is used for dairy cattle, has a milk receiving room on the south side. The north wing is used for beef cattle. On the first floor of the barn is located the office of the Superintendent of Live Stock. Besides mow room, the main portion contains large bins for feed stuffs and also room for seeds and wool storage.

THE VETERINARY LABORATORY BUILDING

The Veterinary Laboratory is the headquarters of the College of Veterinary Medicine. It contains the offices of the Dean and laboratories of pharmacology and bacteriology, the anatomical laboratory and collection, a large amphitheater, lecture halls, and a reading room.

THE VETERINARY CLINIC BUILDING

This building, costing $90,000, is located just north of the veterinary laboratories. It is 255 feet long and has a width varying from 40 to 70 feet. It consists of a central portion two stories high with basement, and two wings of one story each. The central portion contains a large clinic hall 50 by 60 feet, lighted by a skylight, and drug and instrument rooms, public and private offices, surgical museum, rooms for house surgeon, and a large surgical amphitheater equipped with every modern facility of practical value. The first floor is connected with the basement of this section of the building by a concrete runway. In the basement are special water stalls and dark rooms for ophthalmoscopic examinations. To the right and left of the clinic hall are the wards for large animals. Forty patients can be accommodated in these wards. The floor is asphalt and all partitions are of metal and concrete. At the end of the south ward is the section for small animals. This wing contains the offices for the instructors, a general ward for ordinary non-infectious diseases, special wards for infectious diseases, skin diseases, rabies, a spacious skylight operating room,

kitchen, bath rooms, dark-rooms, drug and instrument rooms, museum, and an amphitheater seating one hundred. At the end of the north ward (for large animals) is the pathological section. It contains the office of the teacher of pathology, dark-room, classroom, microscopical laboratory, museum, room for experimental animals, and a large mortuary where necropsies are held upon patients dying in various clinics.

HORTICULTURE AND FORESTRY BUILDING

This building was ready for occupancy at the opening of the college year, September, 1914. It has a frontage of 250 feet, is two stories high and has a high light basement. It was built primarily for the Department of Horticulture and Forestry. It contains the lecture rooms, laboratories, and offices of this department, a forestry museum and a reading room for students in Horticulture. There are large greenhouses covering 9,000 square feet adjoining the building which are used by the Department of Horticulture for experimental work.

The basement rooms are given over to laboratory work. One large room is provided with canning and other equipment, making of it a complete laboratory for practice and the utilization of the products of farm, orchard, and garden. A four-room cold storage provides facilities for holding fruits, vegetables, and flowers for class use as well as for storage problems. Another room is equipped with appliances for grading, packing, sorting fruits and vegetables. Facilities for instruction in the art of propagation are provided for in a separate room and still another room is equipped for a spray laboratory. Here each student will have practice in making spray materials in a small way as well as with an orchard plant. Spray pumps are studied and the workings of the gasoline power outfits will be demonstrated.

On the second floor of this building are housed the offices of the College of Homoeopathic Medicine.

BOTANY AND ZOOLOGY BUILDING

This building is 184 feet long and 84 feet deep. It is three stories high and contains the lecture rooms, laboratories, and offices of the Departments of Botany and Zoology. On the third floor is the museum of natural history. The large finished attic, covering the entire building, is given over to the state and general herbaria and other collections. Adjoining the building is an insectary and a greenhouse.

HOME ECONOMICS BUILDING

This building cost $150,000, exclusive of equipment, and has a frontage on Neil Avenue of 183 feet, with three wings extending to the

west 132 feet. The center wing provides for a large homemaker's laboratory on the first floor and an auditorium with balcony, seating 541. The north wing is devoted to food and dietetics and institutional management laboratories, including a cafeteria. The south wing contains sewing laboratories on the first and second floors, and a practice housekeeping apartment on the third floor. The front part of the building provides for the offices, recitation rooms, research laboratories, library, and an emergency room.

The building is three stories in height and of fireproof construction, the external walls being of red brick, trimmed with stone and terra cotta.

The interior of the building is supplied with 42,000 cubic feet of air each minute, which is automatically washed and humidified for ventilation, and a first-class equipment for vacuum cleaning, which contributes to its excellent sanitary and healthful condition.

SHOPS BUILDING

This building, erected in 1916, is two stories in height and has a frontage of 250 feet, with three wings extending to the west 183 feet and cost $120,000, exclusive of equipment.

The building is modern factory fireproof construction, with exterior walls of red brick, trimmed with cut stone. The windows make up seventy-five per cent of the external wall, which makes extremely well lighted shops.

The first floor contains the general offices, locker and shower bath rooms, foundry, machine shop, chipping and filing shop, and two forge shops. The second floor contains the Department of Journalism, print shops, stock room, editorial room, recitation room and office, two manual training shops and office, pattern shop, woodworking machine shop, and carpenter shop.

All shops have stock rooms and demonstration rooms.

THE LIBRARY

The Library building, costing with its equipment (exclusive of books) $300,000, was completed in 1912. It contains 219,000 bound volumes. Most of the books are kept in the General Library, but there are important branch libraries in Chemistry, in the Chemistry Building; in Mining, Metallurgy, and Ceramic Engineering, in Lord Hall; in Electrical Engineering and Mechanical Engineering, in Robinson Laboratory; in Medicine and Dentistry, in the Medical Building on Park Street; in Economics and Sociology, in Page Hall; in

Architecture, Civil Engineering, and Engineering Drawing, in Brown Hall; in Law, in Page Hall; in Military Science, in the Barracks; in Physical Education, in the Athletic House; in Botany and Zoology, in the Botany and Zoology Building; and some smaller ones in other departments.

POWER HOUSE

The University provides its own light, heat, and power for all the buildings from the central station. There is a boiler house, 38 by 100 feet, with two 150, two 300, one 450, and one 500 horsepower water tube boilers, equipped with turbine, steam-driven feed pumps, automatic stokers, and coal and ash handling apparatus. Near the boiler house is the engine house, 40 by 60 feet, with an L 30 by 40 feet, equipped with the following: one 125 kilowatt two-phase direct-connected steam unit, one 100 kilowatt gas engine unit, one 300 and one 400 kilowatt turbo-generator set, one 35 and one 25 kilowatt exciter set, two small air compressors, and one air compressor with a capacity of 200 cubic feet per minute, and one 25 kilowatt motor generator set; one turbine-driven two-stage centrifugal pump, capacity 1000 gallons per minute, for operating a fire sprinkling system in University Hall. The hot water heating apparatus utilizes exhaust steam for heating twenty buildings and consists of the following: two large exhaust heaters, two turbine pumps, and one surface condenser. The power and boiler houses are connected through a large tunnel with nearly all of the buildings of the University, and through this tunnel run the pipes for steam, water, and gas as well as the electrical distribution system for light and power.

The University has begun the construction of a new Power Plant several hundred feet west of the present plant which will eventually take the place of the present Power Plant.

The part of the New Power Plant which is in service is 75 feet by 102 feet by 64 feet high, equipped with the following: two 600 horsepower water tube boilers, with underfeed stokers; two centrifugal turbine-driven boiler feed pumps; one Permutit water softener, capacity 96000 gallons per 24 hours; 400 ton coal bunker, with coal handling machinery; one radial brick chimney 218 feet high, 9 ½ feet in diameter inside at top.

OHIO UNION

This building is the social center of all student interests and activities on the University Campus, and forms a meeting-place for all men's organizations.

The building, with its furnishings, cost $95,000. The main floor contains the office, a spacious lobby, and a writing room. On this floor is a visitors' room, check room, and recreation hall. The basement contains a barber shop, a private dining room, and a large dining room which will seat at least four hundred persons.

On the second floor are the offices of the Alumni Association, Y. M. C. A., and University Pastors' rooms, committee rooms, and the offices of the student publications. On the third floor is the auditorium.

OXLEY HALL

Oxley Hall, the hall of residence for women, accommodates seventy-two students. The hall contains suites, single and double rooms, with a students' sitting room, dining room, parlor, sun parlor, and laundry. The hall is governed by Student Government with the advice and supervision of the House Superintendent.

THE MEDICAL GROUP

The Park Street Building is located on Park Street near Buttles Avenue, fronting on Goodale Park, it consists of a large four-story building and basement, with a frontage of 94 feet and a depth of 150 feet. This building furnishes ample facilities for the numerous laboratories, teaching rooms, medical and dental dispensaries, and administration offices. Two large rooms on the third floor are used for hospital purposes and are directly connected with the Protestant Hospital Building.

The main part of the State Street Building is known as the St. Francis Hospital. It is used jointly for hospital purposes and clinical teaching, giving the advantage of bedside instruction and conference clinics under the same roof. The other part of the building is used for a dispensary and a clinical-pathological laboratory. This valuable property occupies a quarter square on the corner of State and Sixth Streets.

THE ARCHAEOLOGICAL AND HISTORICAL MUSEUM

This is a two-story fireproof structure, 57 by 200 feet, built of Indiana limestone. The cost of the building was $100,000, exclusive of the equipment, valued at $30,000.

The library and museum of the Ohio Archaeological and Historical Society occupies the greater part of this building. There are also offices for the Curator and a room for the meetings of the Trustees.

LABORATORIES AND EQUIPMENT

AGRICULTURAL CHEMISTRY AND SOILS

All of the laboratory work in the required courses in Agricultural Chemistry and Soils is given in one large laboratory, which accommodates over four hundred students. Individual equipment is available for each student and every effort is made to provide all the conveniences which will aid the student in doing the work rapidly and accurately.

Separate laboratories equipped with modern apparatus are provided for students majoring in Agricultural Chemistry. Special attention is given to graduate students majoring in this division and facilities are provided for carrying on some of the more advanced phases of research work in plant and animal nutrition and in household and dairy chemistry.

Splendidly equipped laboratories are available for students majoring in Soils. A separate laboratory with all modern conveniences has been set aside for graduate students majoring in this division. Greenhouse facilities are also provided. A considerable part of the University farm is being used for experimental purposes in Soils.

AGRICULTURAL ENGINEERING

The Department of Agricultural Engineering offers instruction along five more or less distinct lines, namely, farm machinery, farm power, farm structures, domestic engineering, and drainage. The laboratories in farm machinery and farm power are equipped with representative makes of farm machines, together with a variety of gas engines and farm tractors. Several branch houses of the more important implement companies are drawn upon for supplies and machines, which are replaced from year to year, thus insuring the latest developments in their lines. Domestic engineering equipment such as lighting plants, water systems, and labor saving appliances are found in the domestic engineering laboratory. The work in farm structures is carried on in a well equipped laboratory located in the Machinery Laboratory. A large number of drainage levels and transits with range poles, rods, etc., together with shovels and spades constitute the equipment for the work in drainage.

ANIMAL HUSBANDRY

The equipment of the Department of Animal Husbandry consists of live stock, feeding stuffs, wools and wool products, lantern slides, charts, etc. The University herd approximates one hundred head of cattle, twenty-five horses, one hundred and fifty sheep, and one hundred or more swine. The breeds include Percheron and Belgian horses; Shorthorn, Hereford, Aberdeen-Angus, Jersey, Holstein-Friesian, Guernsey, Ayrshire, and Red Polled cattle, and grade and pure bred steers of different breeds and breeding. The University owns many animals of merit and each year exhibits more or less stock at the International Live Stock Exposition at Chicago. Classes are also taken to farms about the State, where the students are given an opportunity to judge the stock and observe methods of live stock management. Each year in charge of instructors, numbers of students attend the International Live Stock Exposition and visit the Union Stock Yards and Packing Houses at Chicago, where special study is made of the exhibits and live stock markets and methods of killing stock and handling meats. In the course in meats and meat products, students are given practical instruction in slaughtering, cutting up carcasses, and preparing meats for the consumer. Students taking this course also make special visits to local packing houses in Columbus.

The department possesses perhaps the largest collection of herd, flock, and stud books in America, in the use of which classes receive systematic instruction in tracing pedigrees. Seven buildings are devoted specifically to Animal Husbandry work.

ARCHITECTURE

For work in Architecture two well lighted designing rooms in Brown Hall are equipped with the needed tables, lockers, etc., and the lecture room is provided with an electric projection lantern. The department has models in plaster and wood illustrating the constructive and ornamental forms of different styles of architecture, photographs and lantern slides, drawings and specifications of erected structures, plates of architectural forms and ornaments, and samples of building material. For photographs there is an especially built dark-room with forty-three developing compartments; also two laboratories equipped with toning and mounting tables, printing apparatus, copying cameras, lenses of long and short focus, telephotographic lens, color screens, shutters, actinometers, and an

excellent outfit for photomicrography. A large blueprint room is equipped with electrical blueprint apparatus, in addition to the regular sunlight frames.

ASTRONOMY

The equipment of the Emerson McMillin Observatory consists of a twelve-inch equatorial telescope, mounting by Warner & Swasey, objective by Brashear; a large and powerful star spectroscope by Brashear which is adapted to use either one, two, or three prisms or a plain grating for solar observations; a position micrometer with a seven-inch circle by Warner & Swasey; a combined zenith telescope and transit by Saegmuller; a four-inch portable equatorial by Alvan Clark; a zenith telescope, twelve-inch theodolite reading to single seconds of arc by micrometer microscopes, and two smaller theodolites, by Troughton & Simms; two repeating theodolites with seven-inch circles read by verniers to ten seconds of arc, by Bausch & Lomb; an astronomical clock by Clemens Riefler of Munich; sextants, chronometers, meteorological instruments, etc. In addition to the above there is a well equipped spectroscopic laboratory in the basement provided, among other things, with a five-foot concave grating spectroscope by Brashear, mounted in the Rowland form of mounting; a large spectrometer by Gaertner; two heliostats, one by Carl Zeiss and one by Gaertner; a gas engine dynamo, large induction coil, and a large collection of Gaertner "Laboratory Supports." A well equipped instrument shop for the construction of special experimental apparatus is provided, as well as a small optical shop where instruction is given in the grinding and polishing of small optical surfaces. In the University Library there is a large and well assorted collection of astronomical books, while the lecture room at the Observatory is provided with a stereopticon, donated by Mr. J. F. Stone, and a large assortment of slides. A wireless receiving apparatus has recently been donated by Mr. C. M. Chittenden.

BOTANY

There are six well equipped laboratories for the courses in general botany and special laboratories for plant physiology, plant pathology, and plant genetics. The entire fourth floor is given over to the state and general herbaria and other collections. The equipment of the various laboratories is modern, containing the usual compound microscopes, physiological apparatus, autoclaves, incubators, etc. There is also a dark-room for photography and a modern greenhouse connected with the building. The greenhouse contains a general display

of plants for illustrating systematic botany and special rooms for the work in plant physiology, plant pathology, plant genetics, and aquatic biology. The woodland and ornamental grounds of the Campus, planted with a large variety of trees and shrubs, furnish facilities for various lines of study and a beginning has been made in the development of a botanical garden.

CERAMIC ENGINEERING

This department is located in Lord Hall. The facilities of the department comprise a convenient chemical laboratory for analysis of silicates, a physical laboratory for determining the physical properties of clays and other silicates, and a mechanical outfit for preparation of clays for pottery manufacture and the production of the ware itself; machinery for grinding and tempering; a plant for the manufacture of brick, tiles, pipes, and hollow goods; a kiln house, equipped with three down-draft kilns, using solid fuel; two Caulkin's muffle kilns arranged to fire either oil or gas, and several small furnaces for burning cements, testing refractory materials by use of compressed air and natural gas; an electric furnace for high-temperature work; a 15-foot practical brick kiln equipped with both stack and fan draft and with all the different types of flue and fire box equipment for the detailed study of the problems confronting the brick and pottery manufacturer; a high resistance electric kiln of the carbon resistance type for research purposes; a new air gas furnace of the tangential type to which is attached a load-determining machine for testing ceramic wares under load at elevated temperatures; a ceramic museum containing a collection of American and foreign pottery and clay products; a library of the best literature on the subject, containing numerous German, English, and French works, and the periodicals.

The Ceramic Research Laboratories of the U. S. Bureau of Mines are located in Lord Hall, and provide daily demonstration of ceramic operations, which are conducted on a commercial scale.

CHEMISTRY

The laboratories of the department will accommodate about fifteen hundred students. Each laboratory is equipped with all the necessary conveniences—water, gas, electric lights, distilled water, steam plates, electric ovens, compressed air, suction pumps, etc. The department is liberally supplied with modern apparatus and materials for both lecture room and laboratory work. Each student has his own desk

with drawers and locker. All supplies are procured from the General Storeroom, which has always on hand a complete stock of necessary materials.

CIVIL ENGINEERING

For drafting, two spacious and well lighted drawing-rooms are provided in Brown Hall. In each room is a collection of working drawings, prints, etc. For field work the instruments are: twenty-one transits fitted for various kinds of surveying, fifteen leveling instruments, six plane tables, solar compass, two solar attachments, two high-grade aneroid barometers, two drainage levels, surveying camera, standard Invar tape, U. S. G. S. precise level outfit, U. S. G. S. duplex and secondary bar base measuring apparatus, rods, chains, tapes, hand-levels, etc. Two current meters with accessories and a rating course 175 feet long in the rear of the building furnish facilities for carrying on hydrographic work. The cement-testing laboratory contains a Fairbanks testing machine, a Riehle testing machine, briquette moulds, sieves, apparatus for making hot tests, etc., a machine for testing plain and reinforced concrete beams, and apparatus for microphotographic study of concrete. The department also owns a complete outfit for carrying on the work of summer surveying in camp.

DAIRYING

The dairy laboratories are equipped for the following lines of work: milk testing, clarifying, standardizing, pasteurizing, bottling, scoring, and the sanitary care of milk; making of artificial buttermilk and fermented milk; buttermaking; ice cream making; hard and soft cheese making; milk condensing and dairy mechanics.

An individual milk testing apparatus is furnished each student. In addition, in the testing laboratories are found hand, steam, and electric Babcock centrifuges, with water baths, cream scales, sediment testers, sterilizers, incubators, and other apparatus necessary for the complete testing and scoring of milk. The private testing laboratory contains a Mojonnier tester equipped for testing milk and its products for fat and total solids. The creamery laboratory is equipped with various styles of cream cooling tanks, ripeners, vats, power and hand churns, cream clarifiers, pasteurizers, starter cans, and butter printers. The milk laboratory is furnished with a milk pasteurizer, standardizing vats, separators, clarifiers, a bottle filler and capper.

The farm dairy laboratory is equipped with various styles of cream separators, clarifiers, coolers,etc. The milk laboratory has two condens-

ing pans and a sterilizer. The cheesemaking laboratory is equipped with vats for making cheddar, brick, Limburger, club, cream, and Neufchatel cheese; a Swiss cheese kettle for making Swiss cheese; two cheese curing cellars; one warm-curing and one cold-curing cheese room. Soft cheese is made daily as a part of the commercial product in the laboratory. The ice cream making laboratory is equipped with brine and ice freezers, emulsifier, brine boxes, and the proper mixing contrivances.

The entire plant is operated on a practical basis. All of the work is carried on by students.

ECONOMICS AND SOCIOLOGY

The department has a seminary room, open to advanced students, and laboratories for the use of students in accounting and statistics. Sets of maps, charts, and globes are at the disposal of students in geography and commerce. The departmental library, which includes the Clark Memorial Library, is open to all students in economics and sociology.

The city itself constitutes a laboratory for effective work in specialized fields of both economics and sociology. Students may take advantage of long established working connections between the department and such organizations as the Columbus Chamber of Commerce, the Associated Charities, the Godman Guild, and the Juvenile Court. State offices and institutions are open to a limited number of research workers.

ELECTRICAL ENGINEERING

The power laboratory equipment consists of about one hundred dynamo machines, both alternating and direct current, aggregating more than 750 kilowatts, and comprising many types of both generators and motors; transformers both for constant potential and constant current and with a wide range of capacity and voltage; storage batteries, rectifiers of several types, variable reactances, condensers, circuit breakers, etc.; meters for current, voltage, power, and other measurements. The laboratory is particularly well arranged for instructional work.

For advanced study and research work there is a growing collection of high-grade equipment. This includes measuring instruments suited to the smallest currents, apparatus for measuring the constants of telephone lines, a Vreeland oscillator, and an artificial 50-mile telephone line. A laboratory arranged with interchangeable light

and dark walls is equipped with a variety of sources of illumination and provided with a high-grade photometer, spherical and box photometers, portable illuminometers and other apparatus.

The high tension equipment includes transformers of the following ranges: 250,000 volts, 50 kilowatts, 100,000 volts, 20 kilowatts, 50,000 volts, 5 kilowatts, and 13,200 volts, 20 kilowatts, also suitable control equipment. There is a 1000-foot experimental span on steel towers with adjustable wire spacing, and high frequency or Tesla transformer giving over 60 inches discharge, a 25-centimeter sphere gap, high grade vacuum pumps, and other apparatus.

In the telephone laboratory there is a complete assortment of the equipment necessary to familiarize the student with the construction and operation of the various telephone systems in operation at the present time, and with the various methods of testing lines and apparatus which have been developed.

The wireless telegraph station is equipped with a 1-kilowatt transmitting set, a receiving set suitable for the reception of either damped or undamped energy over a wide range of wave lengths, and a short range continuous wave transmitting set, suitable for wireless telephone and for continuous or interrupted continuous wave telegraphy. The wireless laboratory also includes such other equipment as wave meters, DeForrest oscillion, a liberal supply of vacuum tubes of various types, condensers, galvanometers, hot wire ammeters, and other apparatus suitable for a wide range of work with oscillatory circuits.

There is a library connected with the department in which are kept the more important of the electrical engineering periodicals and reference books.

ENGINEERING DRAWING

For mechanical drawing there are five large, well lighted drafting rooms with necessary tables and lockers and two lecture rooms equipped with electric projection lanterns. An extensive set of models and a collection of shop drawings are available. There is a blueprint room provided with an electric light printing machine.

GEOLOGY

The Legislature has made the University the depository for the Geological Survey of Ohio, and these collections have been supplemented by valuable additions of fossils, minerals, rocks and economic materials from various states and foreign countries. Within

the past few years a considerable number of relief models has been added to the equipment.

HOME ECONOMICS

The department is located in the new Home Economics Building, and is fully equipped with food and clothing laboratories, home nursing, house furnishing and research laboratories. The subjects of food, clothing, household management, house furnishing and sanitation are included in the work of the department.

HORTICULTURE

Instruction in vegetable gardening is promoted by the extensive University gardens, which are for the most part provided with Skinner irrigation. The greenhouse plant which is to cover an acre of space, is in the process of construction. Two units of the plant are already available, consisting of one house 100 feet by 30 feet and a second one, 125 feet by 40 feet. The greenhouse will be used for the production of vegetables and flowers.

The section of floriculture will be provided with greenhouse space, flower gardens, and other laboratory materials.

The section of landscape architecture is well provided with drafting rooms, and the Campus affords many trees, shrubs, and plants for study as well as problems in developing landscape plans.

The students of pomology have the advantage of the plantations of the usual fruits of the region together with the neighboring orchards and the extensive markets of the city.

INDUSTRIAL ARTS

The shops occupy the greater part of the Shops Building and afford ample facilities for instruction in both the practical details and the underlying principles of carpentry, joinery, pattern-making, wood-turning, cabinet making, forging, molding, founding, and machine work.

The carpentry shop is equipped with thirty benches, each having its set of carpenter's tools, a motor-driven circular saw, a motor-driven grindstone, electric glue heater, and many tools for general use.

The pattern shop has an equipment of twenty-four benches, each having a pattern-maker's vise and the regular tools, a large number of special tools for general use, twenty-four lathes for wood-turning, with

the necessary turning tools, an eight-foot pattern-maker's lathe with compound rest, a twelve-inch jointer and planer, a thirty-inch surfacer, a circular rip and cross-cut saw, a thirty-six-inch band saw, an automatic band saw, filer and setter, two trimmers, a mortiser, and a power grindstone.

The forge shop and the blacksmith shop are each equipped with thirty stationary forges with anvils, bench, and tools for each forge. The equipment contains a foot-power hammer, a one hundred and twenty-five-pound power hammer, a double eighteen-inch grinder, a blacksmith's drill, a punch, shear and bar cutter, and furnaces for heat treatment of steel. The blast for all forges and the exhaust for the smoke are through underground piping by means of fans.

The foundry is equipped with a twenty-eight-inch Colliau cupola, the blast for which is furnished by a thirty-inch Buffalo blower; an Iler brass furnace, using either oil or gas fuel; a rattler, a core oven, a thirty-inch portable squeezer, benches for iron molding, core-making and cleaning of castings, a space for floor molding thirty feet by fifty feet, and all the necessary molding tools, flasks, crucibles, ladles, tongs, etc.

The shop for vise work is equipped with fifteen individual benches each having the necessary vise and tools for chipping, filing, and scraping, a water tool-grinder and a sensitive drill, each motor-driven.

The machine shop is driven by two 20 horsepower electric motors from above, and is equipped with the following tools: twenty engine lathes, a Fox monitor turret lathe, two planers, two shapers, three milling machines, three upright drills, two sensitive drills, grinding machines for both plane and cylinder surfaces, tool-grinders, emery wheels, vises, etc. This machinery is furnished with the necessary tools, and the tool room is equipped with full sets of drills, taps, milling cutters, standard plugs, gauges, threads, micrometers, and a great variety of special tools.

MECHANICAL ENGINEERING

The museum contains samples of engineering supplies and materials and a collection of models of mechanisms, machinery, and valve gears. The laboratories are arranged and provided with instruments, apparatus, and machinery to carry on experiments and investigations along the following general lines: the calibration of instruments, strength of materials in hardness, compression, tension, torsion, shear, and cross-bending; gas, gasoline, oil, hot air, and steam

engines, steam turbines, automobiles, and tractors, under varied conditions of running; hydraulics, including pumps and water-wheels; pneumatics, including air brakes, compressors, fans, and ventilating systems; power transmission, including belts, pulleys, lubrication, and friction; boiler and fuel testing; refrigeration, including liquid air.

The main laboratory is 90 feet by 112 feet, and is divided into three sections. The steam-engineering section contains three 35-horsepower, horizontal, plain, and automatic cut-off engines; one 35-horsepower, twin cylinder, vertical, automatic cut-off engine direct-connected to a 15 kw. electric generator; one 60-horsepower, tandem, compound, horizontal, automatic cut-off engine; one 10-horsepower, two-cylinder, single-acting engine; one 30-horsepower, tandem, compound, vertical engine, with riding cut-offs and link motions; one 250-horsepower, cross compound, vertical engine, with reheater, direct-connected to a 20-inch centrifugal pump of 12,000 gallons per minute capacity; one 60-horsepower, simple Corliss engine; one 15-horsepower, vertical engine; and one 45-horsepower, horizontal, reversing, variable speed, uniflow engine. Most of the above are arranged to be worked as condensing engines if desired, and are provided with surface condensers, air and circulating pumps, etc. The hydraulic section is equipped with twelve cisterns, a flume having a cross-section of thirteen square feet, an observation pit, submerged orifices up to thirty inches in diameter, a 30-foot well, and wiers capable of measuring up to 16,000 gallons per minute. It has a total storage capacity of 133,000 gallons. It is provided with simple, compound, triplex, centrifugal, and rotary pumps, steam turbine-driven centrifugal pumps, pulsometer, turbine and impulse water-wheels, and a variety of apparatus especially adapted to study the flow of liquids. The third section contains Riehle and Olsen machines for testing materials in tension, compression, bending, shear, torsion, and hardness; dynamometers for measuring the power supplied to machines; ventilating fans and the departmental machine shop. A finished cast-iron floor-plate, 14 feet by 21 feet, 4 inches in size permits pieces of machinery to be easily fastened to the floor, preparatory to being tested. Supported by the columns carrying the saw-tooth roof, and between the sections, are two galleries, each 8 feet by 108 feet. They are used as drawing-rooms. One of them is used to study the flow of steam, air, and water through pipes and bends.

Next to the steam laboratory is a section 48 feet by 144 feet adapted for the operation and testing of steam boilers and gas-power machinery. The boiler laboratory is equipped with a horizontal,

internally-fired, tubular boiler; a horizontal externally-fired, tubular boiler, with brick setting; a sectionalized locomotive boiler; and a 107-horsepower, Babcock and Wilcox water-tube boiler, provided with both an automatic stoker and a furnace having shaking grates, and with forced, induced, and chimney drafts, a Foster independently-fired superheater, and a complete equipment of testing appliances. The gas-engine laboratory has three oil engines, one gasoline engine, one kerosene electric generating unit, and two gas engines of 6 and 15-horsepower; one 25-horsepower, two-cycle, and one 80-horsepower, two-cylinder, tandem, four-cycle, horizontal engine, each operated with either natural gas or producer gas; one 75-horsepower suction gas-producer for use with either anthracite or bituminous coals with facilities for measuring the fuels, air, and water which are used and the gas generated. In the adjoining laboratory a 60-horsepower, electric dynamometer provides facilities for testing motor cars and their engines in a variety of ways; a Ford motor is now connected to the dynamometer; a smoke jack and testing plant permit tests to be made of steam and gas tractors; a 12-ton refrigerating plant cools two rooms to low temperatures and provides means for experimentation on the plant and on materials at low temperatures; a 4-stage air compressor and liquifier furnishes liquid air for the use of certain departments.

METALLURGY

The metallurgical laboratories are located in Lord Hall. They comprise a general laboratory equipped for technical analysis and wet assaying, particularly the methods of iron and steel laboratories and other metallurgical plants; an assaying laboratory well equipped with muffle and melting furnace for fire assaying of gold, silver, and other ores by furnace methods. Connected with this is a sampling room with power sampling apparatus for the preparation of ores, coals and similar materials for testing and examination. Both of these laboratories are well provided with analytical and assay balances and other special apparatus. There is also a well equipped calorimeter room for the determination of the heating values of fuel and for the technical analysis of flue, furnace, and mine gases in connection with mining and metallurgical work, and a laboratory for the special analysis of coal and other fuels in connection with tests of heating value, coal washing, and the preparation of artificial fuels. A laboratory is provided for metallographical and pyrometric work, including special facilities for making microphotographs and metal

sections. This laboratory is equipped with microscopes and polishing apparatus and electric furnaces for high temperature tests. The metallurgical lecture room has a projection lantern and a large collection of views of furnaces and mining and metallurgical machinery. There is a growing collection of minerals, ores, and metallurgical products used in connection with lectures on metallurgy.

The department is especially fortunate in being provided with a 50 kw. electric furnace of the arc type for instruction and research in electric smelting and refining of metals and alloys, and a direct current generator and equipment for experimental work in electrolytic refining of metals. An ore-dressing laboratory with equipment for coal washing and ore concentration is used for class and thesis work. A semi-commercial zinc fuming furnace and bag-house and a full commercial size coal carbonization retort and gas purifying installation enable students to carry out theses of such nature as to well train them in industrial methods.

The metallurgical library is very complete.

MILITARY SCIENCE AND TACTICS

The Infantry materiel for the conduct of military instruction consists of 2000 latest army rifles Model 1917 and bayonet, automatic pistols cal. 45, rifle grenades, hand grenades, 37 mm. cannon, automatic rifles and machine guns, light mortars, etc.

The Field Artillery equipment consists of a battery of 3 inch guns, one 4.7 inch gun, one each of the British, American, and the famous French 75 mm. gun, and one 155 mm. howitzer of the same type as was used so effectively on the battle fields of France, two caterpillar tractors, four trucks, one artillery repair truck, one reconnaissance car, and two motorcycles; there is also a complete set of observation instruments, telephones, buzzerphones, radio receiving sets, projectiles, fuses, and complete topographical equipment.

In addition there is equipment for pitching shelter tent camp. Accurate instruction will be given in the proper method of carrying a field pack and individual care of men while in the field.

A target range for gallery practice is open all day, all students of the Brigade being qualified in gallery practice with the army rifle, using gallery ammunition.

A pistol range outdoors provides for proper instruction in the automatic pistol with service cartridges.

MINE ENGINEERING

This department, located in Lord Hall, is equipped with improved instruments and apparatus used in mine engineering, surveying, and the study of mine ventilation and illumination.

There is a collection of models of mines, mine structures, and mine equipment; safety lamps illustrating the various types of oil, gasoline, electric, and acetylene lamps used both in the United States and in Europe; instruments for study of mine ventilation; oxygen rescue helmets; instruments for the study and testing of mine power generation, distribution and use; transits, levels, compasses, target lamps, etc., suitable for either surface or underground surveying.

The department is equipped with a large drafting room, well lighted and provided with a table and filing drawers for each student. A number of parallel rules, protractors, a pantograph, proportional dividers, etc., are kept for student use. In connection with the drawing-room is a blueprint room equipped with an electrical blueprinting machine.

The lecture room has a projection lantern and a large collection of views showing mining work and equipment.

The School of Mines Library, also in Lord Hall, contains a large collection of books and periodicals on mining and allied subjects.

MINERALOGY

The laboratories and mineral collections of this department are to be found in Lord Hall.

There is one laboratory for chemical analysis of minerals, blowpipe analysis and determinative mineralogy. Another laboratory is given over to work in advanced crystallography, microscopic mineralogy, and microscopic petrography. The mineralogical museum contains forty-five hundred mineral specimens, three student study collections, a large assortment of crystal models, a collection of crystallized minerals for goniometric study, a collection of precious, semi-precious and ornamental stones.

The laboratory for advanced crystallography is equipped with a one-circle goniometer and a Goldschmidt-Stoe two-circle goniometer, a small crystal refractometer, and equipment for the projection and drawing of crystals.

For microscopic mineralogy there are five microscopes and accessories, a von Federov universal stage and a research model petrographic microscope with rotating nicols. A collection (300) of

minerals in fine powder, about 100 soil samples from the United States, and a collection of manufactured ceramic and chemical products furnish material for study.

For microscopic petrography there is a suite of thin sections of oriented minerals, about 400 thin sections of rocks from typical foreign and American localities, and a collection of hand specimens of American rocks to accompany the thin sections.

PHARMACY

This department is located in the Chemistry Building. It has a large general laboratory, a smaller laboratory for advanced students, a aboratory for pharmacognosy, a dispensing room, machine room, lecture room, private laboratory, the offices of the Dean and the Secretary of the College of Pharmacy. Also, together with the Department of Chemistry, a chemical and pharmaceutical library. Each desk of the laboratories is equipped with a complete set of apparatus for individual use and special appliances are provided for general use.

The laboratory is provided with hoods, drying closets, steam pans, distilling apparatus, percolating racks, mills—everything necessary to conduct the ordinary operations of pharmacy. The dispensing room is a completely equipped and well stocked drug store. The prescription desks permit several students to work at one time and a full complement of apparatus for the work of the dispensing counter is provided. The prescription files are complete and cover the range of prescription practice. In the library are to be found complete sets of the leading American, English, French, and German journals of pharmacy and chemistry, as well as books of reference belonging to the departments and other books from the General Library for use during special investigations. The lecture room is well supplied with apparatus and appliances for illustration and experiment. About the walls are arranged cases in which are kept sets of specimens illustrating processes of manufacture, specimens of rare, costly, and curious drugs and of official preparations. Here also is a complete set of specimens of original crude drugs, arranged by number only, for practice in the "recognition of drugs." In the machine room are the tablet machine, pill-coating machines, grinding and powdering apparatus, etc.

PHYSICAL EDUCATION

The main floor of the Gymnasium (80 by 150 feet) well lighted and ventilated, is well equipped with modern gymnastic apparatus,

bells, clubs, rings, climbing ropes, Swedish apparatus, horses, ladders, mats, bars, etc. It is used by the women in the forenoon while the men exercise in the gymnasium on the first floor. In the afternoon the main floor is used exclusively by the men for regular class work, athletics, basket ball, recreative games, etc.

PHYSICS

The equipment of this department is in part as follows: two chronometers, chronograph, Hipp chronoscope, ten stop watches, two dividing engines, three cathetometers, two comparators, Regnault apparatus for vapor tension, expansion of gases, and for specific heat; Melloni-Tyndall apparatus for radiant heat; three large Rowland gratings and numerous small gratings and replicas, Rowland spectrometer, fifteen fine spectrometers by Geneva Society, Hilger, Zeiss, Browning, and other makers, Michleson interferometer, Littrow spectrometer with echelon, half-shade polariscope, Kohlrausch total-reflectometer, Salleron complete apparatus for projecting polarization phenomena, six arc-light projection lanterns, a large collection of Konig sound apparatus, eight Kelvin galvanometers, thirty high-grade and forty simple D' Arsonval galvanometers, twenty-five high-grade and sixteen ordinary box Wheatstone bridges, twenty high-grade and twenty-five ordinary resistance boxes; numerous standards of resistance, capacity E. M. F. and inductance; thirty Weston voltmeters, ammeters, and wattmeters, with twelve of other make, five high-grade and four simpler potentiometers, photometric standards and photometers, three Duddell oscillographs, apparatus of Hertz, Lecher, Righi, and others for electrical oscillation; a Kohl apparatus for measuring the mutual gravitation of two metal masses, two Junker calorimeters, Zeiss comparators, a large collection of tubes illustrating phenomena of a high vacua, Ives three-color projection apparatus, two mercury-vapor lamps of glass and one of quartz, a variety of X-ray tubes (one a Coolidge tube by the General Electric Company), large quartz lenses for securing long-wave infrared radiation by focal isolation, several large induction coils, two Tesla coils, Drude apparatus for refractive index of electric waves, two Dolezalek and a variety of older electrometers, a collection of radioactive materials, Wilson and Bumstead electroscopes, Frey quartz ultraviolet spectrograph, Fabry-Perot interferometer, Vreeland oscillator, Vulcan high frequency coil for X-rays, a number of thermionic vacuum tubes and other radio transmission and receiving apparatus.

PHYSIOLOGY, PHYSIOLOGICAL CHEMISTRY, AND PHARMACOLOGY

This department is well equipped for the laboratory work in the three sub-departments of Physiology, Physiological Chemistry, and Pharmacology, both for regular laboratory instructional work and research work.

The department has a well equipped shop with skilled technical assistance for making up special apparatus and for keeping all apparatus repaired and in good working order.

There are sufficient laboratories for the work of the various classes and also numerous other laboratories for research work by the members of the staff and graduate students and others who are doing research in the department.

The department has a good supply of all kinds of physiological and chemical apparatus, instruments and supplies.

A departmental library has been organized and is being developed as rapidly as possible.

POULTRY HUSBANDRY

The Department of Poultry Husbandry has a well equipped poultry plant, with a main instruction building, laying and brooder house, and yards. A number of standard varieties of fowls are kept, and students are given practice in judging, feeding, killing, marketing, etc.

PSYCHOLOGY

The psychological laboratory occupies ten rooms on the fourth floor of University Hall. Two of these rooms are dark-rooms and one of them is a shop containing a lathe and tools for the construction of special apparatus. The laboratory is equipped for the study of the following topics as related to experimental, educational, and clinical psychology: sensation; memory; association; the various forms of mental testing; the learning process. Especial efforts are made to secure rooms and apparatus where necessary for conducting original investigations in industrial and the various other fields of applied or experimental psychology.

RURAL ECONOMICS

The facilities offered for the study of farm management include the University farm, containing about six hundred and eighty-five acres, and the records that have been kept of its operation since 1908. In addition to this there have been secured during the past five years complete records of a year's business from over two thousand farms

of different types in the various regions of Ohio. Material accumulated from detailed cost records carried on in cooperation with the U. S. Department of Agriculture on a number of Ohio farms is now available. Well equipped and well managed farms within reach of Columbus by electric and steam roads are visited by classes in laboratory practice.

Research work relating to the marketing of agricultural products and rural community life carried on by members of the department staff have resulted in the accumulation of a large amount of data relating to these subjects.

A well equipped statistical laboratory has been added for use in research in rural economics and sociology. The University and departmental libraries contain the necessary federal, state, market, and other publications to serve as source material.

The library is especially well supplied with books and publications relating to land tenure in various countries.

VETERINARY MEDICINE

The Veterinary Clinic Building affords facilities for the treatment and care of animal patients, and thus gives students the opportunity to become practically familiar with the diseases to which our domestic animals are subject. It contains box-stalls, stalls for cold water applications, large and well lighted operating halls equipped with every modern facility of practical value, and special wards for dogs and other small animals. During the academic year 1919–1920, nearly 7000 cases were treated in the hospital. In this building are the laboratory of pathological histology, pathology museum, and mortuary, each equipped with modern facilities for instruction. The Veterinary Laboratory Building contains the dissecting room, osteology laboratory, and a large museum of anatomy. The amphitheaters in both buildings are provided with darkening mechanisms and modern projection lanterns.

ZOOLOGY AND ENTOMOLOGY

At Columbus. The adjacent fields, woods, lake, and river, the various well equipped laboratories, extensive collections and libraries, and the insectary furnish excellent opportunities for every phase of the study. The department occupies the north part of the new Botany and Zoology Building, providing lecture and quiz rooms, six general and special laboratories, museums, and rooms for storage, work shops, aquaria, photography, etc. The laboratory equipment includes

microscopes, microtomes, incubators, injectors, photographic and drawing apparatus, etc., for the most approved methods of work. The collections include a series of skeletons and skulls, a number of large mammals, a series of the birds and mammals of Ohio, of the birds of North America, of Ohio fish, of mollusks, and an especially rich collection of insects, particularly in Odonata, Hemiptera, and Diptera.

At the Lake Laboratory. The Lake Laboratory is designed to provide opportunity for investigation of the biology of the Lake Erie region, and for giving certain courses of instruction in Botany, Zoology, and Entomology during the summer. The Laboratory is located at Put-in-Bay, in commodious quarters provided by the State Fish Hatchery Building, with ample space for fifty or more students and investigators. Microscopes and other apparatus are supplied from the University. Boats, collecting apparatus, dredges, seines, etc., are supplied, and special attention is given to methods of collecting and to field work.

LABORATORIES AND CLINICAL FACILITIES COLLEGE OF HOMOEOPATHIC MEDICINE

MATERIA MEDICA AND PATHOGENETIC LABORATORY

One of the strongest features of this College is the laboratory method of teaching materia medica.

Through the generosity of friends a laboratory equipped in every detail has been provided for the teaching of this all important subject. The laboratory provides first for the study of crude drugs, and for that purpose complete collections of raw material have been secured. Chemical equipment is provided to assist in this study. Apparatus for the preparation of tinctures, triturations, and dilutions is provided, so that the student receives laboratory drill in the preparation of homoeopathic medicines. Second, the laboratory is equipped with apparatus for physiological and pathological examinations in connection with drug experimentation on animals. Third, provision is made for complete clinical examination of those persons upon whom drug testing is made.

In this laboratory ample provision is made for drug proving and research work in materia medica.

X-RAY LABORATORY

The apparatus consists of the latest model of transformer and accessory equipment for fluoroscopic and radiographic work. It is possible, therefore, to bring into use the X-ray as an aid to the diagnosis of abdominal, thoracic, and sinus diseases as well as in diseases and injuries to bones.

This laboratory is located in the New Hospital Building in rooms especially designed for this work.

DEPARTMENTAL LABORATORIES

The laboratories of the Departments of Anatomy and Pathology are completely equipped. They are located in the Park Street Buildings.

Histology, physiology, bacteriology, and chemistry in the College of Homoeopathic Medicine are taught in the regular University laboratories.

HOSPITAL

The Homoeopathic Hospital is the clinical laboratory of this College. It is maintained solely for clinical purposes for the students of the Junior and Senior classes. It is located on the University Campus at the corner of Neil and Tenth Avenues, on the Neil Avenue car line.

The New Building. This building was made possible through the contribution of one-half of the fund by the Cleveland-Pulte Medical College and the Pulte Medical College. It is designed especially for clinical teaching purposes. Its clinic rooms, pathological laboratories, X-ray laboratories, rooms for eye, ear, nose, and throat treatment, and operating rooms are especially arranged to the best advantage for clinical demonstrations.

The administrative and teaching departments occupy the first two floors, leaving the third and fourth floors for private rooms and wards well removed from noise and confusion.

The building is of fireproof construction and the greatest care has been taken in ventilation and heating, the air entering the hospital being first forced through water for purification.

Children's Ward. The Old Hospital Building has been given over entirely to the housing of children. The rooms and wards on the two floors have been so arranged as to make it possible to isolate and care for the diseases of childhood in a very satisfactory manner.

The building is heated and lighted from the central heating plant of the University and special ventilation has been devised, which makes the structure exceedingly satisfactory for the care of the children. Special preparation is made for infant feeding. The orthopedic work in this department is under the direction of experts, with all necessary apparatus for careful treatment.

Maternity Ward. The clinical facilities of the hospital have been materially benefited by the addition of a new maternity ward. The Barracks Hospital of the University has been turned over to the Homoeopathic Hospital for this purpose. The building is of a bungalow type, adequately heated and ventilated and provided with hot and cold water and toilet in each room. It has splendid provision for delivery room and nursery. There is capacity for twenty mothers.

The total bed capacity of the Homoeopathic Hospital at this time is one hundred and twenty-seven beds, all of which are available for clinical purposes.

Pharmacy. The new building provides for a thoroughly equipped Pharmacy, consisting of two rooms, one to be used exclusively for homoeopathic remedies for internal administration, and the other for the preparation of antiseptic preparations and medicines used topically. The Professor of Materia Medica is in charge of the Pharmacy.

STATE HOSPITAL

This hospital is a part of the organization of the State for the care of the insane and is one of the largest in Ohio. Its patients offer an unusual opportunity for observation of the various forms of insanity. Students in this College profit by the instruction given by the staff of this institution.

OUT-PATIENT DEPARTMENT

The New Hospital Building is especially adapted to the care of the rapidly increasing out-patient department of the hospital. Its clinical facilities are made use of by the Junior and Senior students (divided into small groups) under the direction of the Dispensary Staff.

Through cooperation with the City District Nurses' Association a special welfare clinic for children is conducted in conjunction with the out-patient clinic of the Department of Pediatrics. Under the same auspices a special clinic is also conducted in the Department of Obstetrics.

CLINICAL FACILITIES AND LABORATORY EQUIPMENT COLLEGES OF MEDICINE AND DENTISTRY

CLINICAL FACILITIES

PROTESTANT HOSPITAL

By contract, the College of Medicine has full clinical control of the charity patients in the Protestant Hospital. The hospital has a capacity of one hundred and four beds, fifty-two of which are charity beds and are under the full control of the College. All members of the visiting and house staff are nominated from the Faculty by the Trustees of the University and confirmed by the Trustees of the Protestant Hospital.

This hospital is located on Park Street and joins the college building. It was incorporated March 18, 1891, under the name of the Protestant Hospital Association, by the Methodist Episcopal Church. Other denominations unite in its support and are represented on the Board of Trustees. Its first home was on Dennison Avenue where the hospital was conducted in part until 1898, when the present fireproof building was completed. The site was donated and substantial aid given toward the construction of the building by the old Ohio Medical University. For these and other considerations the College was given a perpetual lease on the clinical privileges, which were transferred to the Ohio State University. A first-class X-ray laboratory occupies a convenient place in the College and is open to all charity patients as well as those able to pay. The pathological and clinical laboratories are available for the benefit of hospital and dispensary patients.

ST. FRANCIS HOSPITAL

As a condition of the lease of the St. Francis Hospital Building to the Sisters of the Poor of St. Francis for hospital purposes, the clinical material is under the direct control of the College of Medicine. All members of the staff are elected by the Trustees of the University. The capacity of the hospital is one hundred and sixty charity beds. The whole building except one clinical amphitheater and one surgical amphitheater is leased to the Sisters for hospital purposes. Owing to the central location of the hospital a great number of emergency cases are found in the wards. These patients afford excellent clinical material. The hospital is well equipped for treating the sick, taking care of the injured, and conducting clinical work.

A well equipped clinical-pathological laboratory is located in the adjoining building which furnishes ample facilities for tissue and other examinations and is in charge of a well trained teacher and pathologist who gives all his time to this work. A new and well equipped X-ray laboratory is used for diagnostic purposes. Extended improvements have been made to the building by adding sun rooms and interne rooms.

CHILDREN'S HOSPITAL

This hospital, incorporated in 1892 by a group of generous spirited citizens has become a public institution through the fact that it is supported entirely by charitable gifts.

It has a capacity of fifty beds, and accepts all types of cases except those of a contagious nature, the age limit being fifteen years.

There is conducted a free daily dispensary for general medical and surgical cases and a free daily dental clinic for hospital and dispensary cases. An eye, ear, nose, and throat dispensary is open bi-weekly, and crippled children have access to a free dispensary one day each week.

For the correction of functional deformities a medical gymnasium is in daily use.

A social service department was established in October, 1916, whereby effective follow-up work is done by a medically trained social service worker.

A large proportion of the examining work for the Juvenile Court, the Big Sisters Association, the Oak Street Day Nursery, the Humane Society, as well as that in connection with the Child Welfare Department of the State Board of Charities, is done at the Children's Hospital.

All of the facilities of this hospital are available for clinical purposes, through an arrangement with the Ohio State University, whereby a part of the clinical staff is nominated by the Medical School, subject to the confirmation of the Board of Trustees.

COLUMBUS STATE HOSPITAL

This institution, established, controlled, and maintained by the State for the care of its insane, is one of the largest hospitals in Ohio. Its numerous patients exhibit all the different forms of insanity and furnish excellent opportunities for teaching psychiatry. The clinical instruction is given by the superintendent or one of the staff physicians. These teachers are specialists and the instruction is therefore most valuable.

OBSTETRICAL OUT-PATIENT SERVICE

The Friends' Rescue Home, the Elizabeth Home for Girls, and the Columbus Home for Girls (colored), are in reality obstetrical hospitals having a total capacity of about twenty-five beds and furnish about one hundred and seventy-five obstetrical cases during the year. The students are permitted, under the direction of competent teachers, to conduct labor cases.

An out-patient obstetrical service is maintained in connection with the City Board of Health, the District Nursing Association, and other charities. Three prenatal clinics located in different sections of the city are well attended and furnish a large number of obstetrical cases. This work affords valuable experience for the students. They are brought into touch with environment and conditions such as exist in general practice.

HOSPITAL POSITIONS

There are in Columbus about twenty positions for resident physicians in various hospitals open principally to graduates of the College of Medicine. These appointments are secured largely by competition.

DISPENSARY

The State Street Dispensary adjoins the St. Francis Hospital and is located four blocks east of the State Capitol, which marks the center of the city. It is on the State and Oak Street car line, about twenty minutes ride from the College of Medicine. The dispensary occupies a separate building, three stories high with basement. A general laboratory on the top floor suffices for both the dispensary and the hospital. Special laboratory work is referred to the laboratories in the College of Medicine.

The services in the dispensary are conducted by well trained teachers under the direction of senior professors and include general medicine, general surgery, pediatrics, gynecology, ophthalmology, otology, rhino-laryngology, genito-urinary diseases, dermatology, syphilology, and nervous diseases.

The State Street Free Dispensary is the only general one in the city and is owned, maintained, and conducted by the University, through the College of Medicine. The dispensary work is prescribed throughout the fourth year. Each semester is divided into six periods of three weeks each. The dispensary services are grouped into six departments, so that each student spends three weeks' time each

semester in each department. The students are divided at the beginning of the fourth year into groups of from four to six each. Each group rotates through all departments of the dispensary each semester.

The dispensary is in charge of a salaried superintendent, whose duty it is to be present every day during dispensary hours. A simple system of records and record maintenance is provided with a full-time clerk-stenographer in charge. The drug-room is in charge of a Senior student, supervised by the College of Pharmacy.

The nursing service is in charge of the Department of Public Health and Sanitation, the work being done by graduate nurses in training for public health nursing, assisted by the District Nursing Association and student nurses in training. The nurses direct inquiry into social, occupational, home, and follow-up work. Close cooperation is maintained with the Associated Charities in the city.

All persons are received for treatment. New patients are first passed through an examining and assigning bureau which is conducted by the Medical Department, before being assigned to the proper dispensary department. The student is required to examine patients, write histories, make necessary laboratory tests, make diagnoses, and suggest treatment under the direction of the teachers. Opportunities for voluntary services on the part of Junior students are also provided. The dispensary work is required of Senior students from 3:30 to 5:00 p. m. daily throughout the college year.

LABORATORIES

DISSECTING LABORATORY

The dissecting laboratory includes two large rooms with a floor space of more than 3,500 square feet. It is equipped with modern tables, appliances for dissection and anatomical specimens, such as cross sections, skeletons and prepared organs. There are also ample facilities for the preparation and preservation of anatomical material.

PATHOLOGICAL AND HISTORICAL LABORATORIES

These occupy a large, well lighted room with tables, lockers and other necessary equipment for microscopical work. The pathologic specimens are obtained from the hospitals and from post-mortems. There are adjacent rooms for preparing and storing specimens, private offices for professors, a departmental library, and a large recitation room in which is installed a modern projectoscope.

CLINICO-PATHOLOGICAL LABORATORY

This laboratory is located in a spacious, well lighted room equipped with tables, lockers, high-power microscopes, and other apparatus necessary for teaching.

Facilities for conducting all technical laboratory experiments and tests are amply provided. (Blood, metabolism, urine, stomach contents and feces analyses are made.) The course given includes instruction in serum-therapy. Autogenous vaccines are prepared for treatment of patients in the hospital wards and dispensaries.

CHEMICAL LABORATORY

This laboratory is well equipped with tables, lockers, and scientific apparatus. The room is well ventilated, electric fans being used to carry off gases.

PHYSIOLOGICAL AND PHARMACOLOGICAL LABORATORY

These combined laboratories occupy a whole floor of the main laboratory building. They are equipped with all the necessary appliances for individual work and for class demonstrations. There are thirty-four tables, each provided with lockers and a complete Harvard outfit.

BACTERIOLOGICAL LABORATORY

The laboratories of the Department of Bacteriology are located in the Veterinary Laboratory Building. There are three laboratories fitted with separate lockers to accommodate two hundred and forty-five students; one room for inoculated animals, and two incubator rooms. These rooms are each equipped with the necessary incubators, hot air and steam sterilizers, autoclaves, microscopes, etc., with facilities for advanced and original work. An animal house is located in the rear of the building and here are raised experimental animals for the department, as well as for other departments of the University.

EXPERIMENTAL LABORATORY

This laboratory is fully equipped with the apparatus for experi mental work and operative surgery. The animal room is located conveniently near.

X-RAY LABORATORY

These laboratories are installed on the first floor of the hospital buildings, easily accessible to the hospitals and dispensary. They are

equipped with the most up-to-date apparatus for diagnosis of visceral lesions and bone diseases, as well as ordinary radiographic work. An apparatus is provided for exhibition of negatives in clinical conferences.

DENTAL LABORATORY

Throughout the entire course of study the student devotes to practical dentistry three or more hours each day in either laboratories or clinics.

In these laboratories instruction is given relative to the construction of artificial dentures, crown and bridge work, operative and orthodontia technics. In the clinic, ample opportunity is afforded for the application of the principles taught in the laboratories.

The College is provided with modern equipment throughout and the rooms are exceptionally well lighted, the buildings having been constructed with special reference to this effect, so essential for dental work.

DENTAL OPERATIVE CLINIC

The dental operating rooms are commodious, designed exclusively for the purpose, containing 4,600 square feet of floor space, 250 feet of window frontage, providing the necessary conveniences for patients, and equipped with modern dental chairs and appliances. The operative clinical department is divided into three well equipped rooms for practical work. The operating room is equipped with forty-four modern operating chairs; the prosthetic room with ten chairs; and the extracting room with two chairs. These three rooms are equipped with all modern appliances which will tend to render the dental operation asceptic.

The close connection of the College with the several hospitals and the medical dispensary offers opportunities to dental students for witnessing operations for cleft palate, hare-lip, syphilitic lesions, and other deformities by the regular staff and also to do practical dental clinical work.

MUSEUMS AND LIBRARIES

ARCHAEOLOGICAL AND HISTORICAL MUSEUM

WILLIAM C. MILLS, *Curator*

The Archaeological Museum, owned by the Ohio State Archaeological and Historical Society, is located on the University Campus at the corner of High Street and Fifteenth Avenue in a large fireproof building containing more than 30,000 square feet of floor space, for the most part used in displaying the largest archaeological collection in Ohio.

The chief exhibits illustrating the life of prehistoric man in Ohio are from the Paint Creek Valley, represented by specimens from the Baum village site, the Seip and Overly mounds. The Scioto Valley is represented by collections from the Gartner mound and village site, Adena mound, Harness mound, Tremper mound, and the Feurt mounds and village site. The Miami Valley is represented by the great Ft. Ancient finds, all of which are more or less familiar to the residents of Ohio through the published reports of the various explorations by the Society. The Archaeological collection occupies the entire second floor of the Museum.

During 1904 more than 10,000 specimens belonging to the Archaeological and Historical Society were placed on exhibition at the World's Fair, St. Louis, and received the grand prize. A similar prize was awarded to the Society by the Jamestown Ter-Centennial in 1907.

The historical section occupies the north end of the building on the first floor and comprises many specimens of interest to Ohio people, such as the first printing press used in Franklin County, on which the Ohio State Journal was printed; the original model of John Fitch's first steam engine; the Spanish flag that floated over Manila at the time of the surrender; the first mill-stone used in grinding corn at Ft. Harmer, 1788; photograph of the original treaty of Greenville together with the Calumet pipe smoked on that occasion. The Historical Museum is rich in photographs, models, and paintings illustrating the early settlement in Ohio.

BOTANICAL MUSEUM, BOTANY AND ZOOLOGY BUILDING

The Botanical Museum contains the general University herbarium and the State herbarium (over 30,000 mounted sheets); a very complete collection of the native woods of Ohio; a Collection of the seeds and fruits of plants; and a collection of native medicinal plants.

CERAMIC MUSEUM, LORD HALL

The Museum of Ceramics shows a large number of specimens of ceramic products, which have been donated by clay product manufacturers. There are also several exhibits of the experimental work done by the students in the ceramic laboratory.

A material addition to the Ceramic Museum is a large exhibit of Scandinavian pottery and brick which was presented to the department.

Also an exhibit of Japanese chemical porcelain has been received and added to the museum.

GEOLOGICAL MUSEUM, ORTON HALL

PROFESSOR J. ERNEST CARMAN, *Curator*

The Geological Museum of the University includes the following named series: (a) A set of rocks illustrating the rock formations of the State, so far as can be illustrated by rock specimens. Many of the specimens contain the characteristic fossils of the zones from which they are derived. (b) A collection of the animal and plant fossils of the rocks of Ohio. This series includes a majority of the described fossils of our formations, and in the number are many type specimens. While all the ages of our geological history are well represented, the collection of the Silurian and Devonian animal fossils is particularly rich and complete. A good collection of Coal Measures plants is also included. (c) The economic minerals of the State are also shown to excellent advantage in the museum. The coals, petroleums, iron ores, clay, and building stones produced in Ohio are represented in large collections. Many of the specimens upon which chemical examinations or physical tests have been based in the work of the geological survey of the State are included here. (d) Petrographical collections: these collections were selected with a view to their use in petrographical instruction, and embrace the Hawes collection, the Rohn collection, the Krantz collection, and the

Rosenbusch complete series of typical rock specimens from important centers abroad. (e) In addition to the collections above described the museum contains a great deal of valuable material in the lines of general geology and mineralogy. Among other things it includes several valuable suits of ores and many fine mineral specimens. (f) A number of geological casts, models, and maps also belong to the museum. In this series are included relief maps of the State of Ohio, the several continents, Vesuvius, Leadville, Niagara Falls, and the Southern Appalachian region. (g) The catalog of the museum contains more than 14,000 entries, but as only one number is as a rule given to a fossil or a mineral species, the individual specimens make an aggregate list of many thousands in addition to the catalog list and probably double this list. (h) The skeleton of a mastodon, one of the extinct elephants of Ohio, was presented to the museum by Mr. N. S. Conway of Catawba, Ohio, on whose farm it was found. It was mounted by Professor H. A. Ward of Rochester, New York, and is one of the largest in the country. (i) The museum also has a mounted skeleton of Meglaonyx jeffersonii, one of the great ground sloths. This specimen has the distinction of being the first and thus far the only mounted skeleton of this animal in the world. The bones were discovered by Mr. Abraham Drushell and others in a swamp in Berlin Township, in Holmes County, Ohio, in 1890. They were mounted in Wards' Natural Science Establishment, Rochester, N. Y. The entire outlay involved in the purchase of the bones and in mounting them was borne by Mr. Emerson McMillin, of New York.

MUSEUM OF VETERINARY ANATOMY

The material illustrative of the comparative anatomy of the domestic animals is kept in the Veterinary Laboratory Building. This collection is the largest in America, and comprises mounted skeletons of the principal domestic animals, sculptured skulls, numerous other osteological and dental preparations, dry and moist preparations and frozen sections, series of organs hardened *in situ*, models, and many charts, photographs, and lantern slides.

The pathological collection is housed in the Veterinary Clinic Building. Much of the material is preserved by the Kaiserling method by which the natural colors are retained. It comprises tumors, preparations and sections showing diseases of the bones, joints, foot, etc.; specimens illustrating the more important infectious diseases; and type specimens of the principal parasites of the domestic animals.

ZOOLOGICAL MUSEUM, BOTANY AND ZOOLOGY BUILDING

The foundations for a zoological museum have been laid and the work begun on a generous plan. Every effort is being made to secure and preserve excellent specimens in all groups of animals. Not only are the adult animals preserved, but the immature stages as well, their work and architecture; in fact all that can illustrate the life history and habits. Among special features are the Wheaton collection of birds of Ohio, numbering about 1,000 skins; a collection of North American birds, about 1,500 skins, representing very fully the North American fauna; the Hayden collection of birds and nests; a good representation of skins of the mammals of Ohio; a number of fine specimens of larger animals, moose, hippopotamus, deer, tiger, peccary, lion, etc. An important addition to this section is a fine pair of Rocky Mountain sheep, presented by Mr. Julius F. Stone, of Columbus. These were collected by the donor during his last expedition through the Grand Canyon. Other exhibits are a collection of about 3,500 molluscan shells; a fine series of Ohio fishes; numerous reptiles, amphibians, etc., together with series of skeletons, crania, and alcoholic material in various groups. The collection of insects is being rapidly enlarged and the purchase of the Kellicott collection of Odonata makes it especially rich in that order. A notable addition to the collection of insects is an exhibit of over 10,000 mounted butterflies and moths presented in 1910 by Mrs. Catherine Tallant, of Richmond, Indiana. Professor Herbert Osborn's private collection of Hemiptera is deposited in the department and is available to students for comparison and study.

LIBRARIES

THE UNIVERSITY LIBRARY

The University Library consists of the General Library and a number of departmental libraries. The total number of bound volumes is 219,000.

The General Library is open on every week-day of the year, with the exception of legal holidays. During the academic year, from Monday until Friday, the hours are from 7:30 a. m. to 9:30 p. m. and on Saturday, from 7:30 a. m. to 5:30 p. m. On Sunday, the Periodical Room is open from 1:30 p. m. to 5:30 p. m. During the Summer Session, the hours are from 7:30 a. m. to 9:30 p. m. from Monday to Friday, and from 7:30 a. m. to 5:00 p. m. on Saturday. During vacations, the hours are 8:00 a. m. to 5:00 p. m. each week-day.

The University Library contains some especially fine collections and sets. It is the only library in Ohio having the Parliamentary Papers of Great Britain. The collection of herd books in animal husbandry is the most complete of any agricultural college. By the purchase of the library of the late Professor C. L. Allen, the Library has an important section on historical agriculture, botany, and horticulture. The Outhwaite collection of books on the Civil War is a notable group treating of this period in American history. The Siebert Library of German History is fairly complete for this field. The Frederick C. Clark Library in Economics has an endowment which produces a substantial annuity that adds greatly to the resources of this subject. The Coleman Medical Library consists of works on medicine purchased from the income of an endowment made by Mrs. Nathaniel R. Coleman. In all the fields of knowledge taught at the University, there are found the most important sets of periodicals and transactions and proceedings of societies, both American and foreign.

The University Library is a government depository for the official publications of the United States and receives thousands of documents from the states, the cities, and the foreign countries. In addition, the Library receives all the exchanges from the Ohio Academy of Science, the Ohio State University Scientific Association, the Ohio Biological

Survey, and from the distribution of the various official University publications, such as the University Studies.

A number of departmental libraries have been created, so as to place specialized literature in the buildings where the subject is taught and studied. In four of these departments, reference librarians have been put in charge of the special collections.

The Law Library is in Page Hall and contains 21,000 volumes. This library includes all of the United States and State reports, the English reports, the Irish reports, the latest statutes and codes and session laws of the states, the digest series, complete sets of all the important legal periodicals, and an up-to-date collection of text-books. It is especially well equipped for the study of Ohio law.

The Medical Library is located in the Medical Building on Park Street. It contains 2,000 volumes, mainly a working collection of medical and dental reference books. The current numbers of medical and dental periodicals are on file. The main medical collection is housed in the General Library on the Campus.

The Brown Hall Library is located in Brown Hall, and contains 2,300 volumes on Architecture, Engineering Drawing, and Civil Engineering. The collection of plates is especially notable.

The Orton Memorial Library, located in Orton Hall, contains 3,200 volumes, practically all of the University book collections in geology except a reference collection in the Main Library. In addition the Ohio Geological Survey deposits its document exchanges with the library and these, together with other accessions, constitute a very complete set of official geological reports from the states, foreign governments, and scientific societies.

The Botany and Zoology Library is located in the Botany and Zoology Building. It contains 3,250 volumes. The "Index to General Botanical Literature," issued by the Torrey Botanical Club, the "Index to Algological Literature," prepared by Miss Josephine Tilden, and the card index of the Concilium Bibliographicum are shelved in this departmental library.

Other departmental libraries of more or less importance are found in Chemistry, in Homoeopathic Medicine, in Mining, Metallurgy, and Ceramics, in Electrical Engineering, in Economics and Sociology, in Military Science, and in Physical Education.

STATE, CITY, AND SPECIAL LIBRARIES

The Ohio State Library, including the Traveling Library Department, contains 235,218 volumes. It is located in the State House. It is especially strong in the collection of newspapers and state histories. The Legislative Reference Department contains the specialized and comparative information on state problems.

The Supreme Court Law Library contains 42,000 volumes. It is located in the Judiciary Annex to the State House. Its collection includes complete sets of the English, Scotch, Irish, Canadian, United States, and State reports, statutes, session laws, and digests. The important legal periodicals are on file.

The Industrial Commission of Ohio maintains a specialized library in the field of workmen's compensation, labor, and industrial accidents. It contains about 1,000 volumes, including all the court reports and cases in these fields. It is located in the Majestic Theatre Building.

The Ohio Archaeological and Historical Society has a library of about 20,000 volumes. It is located on the Campus, near the Fifteenth Avenue entrance. It is especially strong in the history of Ohio and of the Northwest Territory.

The Ohio Historical Commission has been operating in close cooperation with the Society in collecting the records of Ohio's participation in the Great War. These records are part of the library and constitute one of its strongest departments.

The Ohio Institute of Public Efficiency has a special library of 500 books and 2,500 pamphlets, located in the Hartman Building. It contains such reports, documents, and books as are needed in the investigative work of the Institute.

The Carnegie Library numbers 115,000 volumes. It is located on Grant Avenue at the head of State Street. Its collection is developed for public use.

The Public School Library has 87,000 volumes, which are distributed among the high school libraries and the classrooms in the Columbus public schools.

All of these libraries are accessible to the students and professors of the University, subject to the local regulations of each institution.

GENERAL INFORMATION

MILITARY SCIENCE AND TACTICS

Under the law of Congress establishing the land grant colleges, it is required that instruction in Military Science and Tactics be included in the curricula. This instruction is given under the Defense Act of June 3, 1916, establishing in the University the Reserve Officers' Training Corps. Under normal conditions ten commissioned officers, two warrant officers, and fifteen non-commissioned officers of the Regular Army are detailed by the War Department to take charge of this department. The Board of Trustees has directed that all male students, special and regular, except those registered in the Colleges of Law, Medicine, Homoeopathic Medicine, and Dentistry, shall complete two years of military service unless especially excused by the Military and Gymnasium Board.

Self-support is not an adequate reason for excusing a student from the requirement in Military Science.

The Reserve Officers' Training Corps is organized as a brigade consisting of two regiments of Infantry, each composed of three battalions of four companies each, and one regiment of Field Artillery, composed of two battalions of three batteries each, a band of sixty pieces, and a trumpet corps. There are two companies of Infantry from the students in the Three-Year Course in Agriculture. The total number of men under arms averages about three thousand.

The course of instruction is both practical and theoretical, and divided into basic and advanced courses in Infantry, Field Artillery, and Veterinary. One-half of the time is devoted to theoretical work in the classroom and one-half of the time to practical work in the field. The basic courses are required of all Freshmen and Sophomores. The advanced courses are elective for Juniors and Seniors. Students completing the advanced course when recommended by the Commandant and the President of the University, are granted a commission as Second Lieutenant in the Officers Reserve Corps by appointment from the President of the United States. No student is eligible for the advanced course until he has satisfactorily completed the basic course or its equivalent.

The allowance made by the War Department is nearly sufficient to pay for the cadet uniform. This University has adopted its own style of uniform. Students taking advanced courses in Military Science also receive fifty-three cents a day, payable quarterly.

The appointment of cadet officers is made usually from those who have served in the Military Department at least one year and as a reward for excellence in their work. No compensation is paid to officers who are completing their first two years of service in the Military Department, the only exception being those who have had the equivalent of the required two years in service elsewhere, and which service has been approved as equivalent. The compensation awarded at the end of each year of satisfactory service is thirty dollars for lieutenants, forty dollars for captains, and proportional sums for officers of higher rank.

Service in the band is credited as fulfilling the military requirement, the positions being assigned after competitive try-out. Members of the band who have completed two years of service in the Military Department or its equivalent are paid at the rate of twenty dollars per year and receive instruction during the four winter months from a competent band master.

PHYSICAL EDUCATION

Physical Education and Hygiene are conducted under the supervision of the director, who is a member of the University Faculty. Regular class-exercise, two hours each week, and hygiene lecture, one hour each week either semester, are required during the first year of a student's residence at the University or until he has successfully completed one year of gymnasium work. Women students are required to complete two years' work. A thorough physical examination is required of all undergraduate students entering the University for the first time. Physical defects, abnormalities, and weaknesses are noted, and judicious, healthful exercise is prescribed to fit the student's individual needs.

THE APPOINTMENT COMMITTEE

In order to serve the schools of the State, the University Faculty has provided a committee, one of the duties of which is to assist graduates of the University to teaching positions for which they are best

fitted. Any student of the University intending to teach is invited to enroll his name with the Committee on a blank provided for that purpose. Blanks may be obtained from the Chairman, Mr. J. L. Clifton, Room 211, University Hall. Graduates of the University who are already engaged in teaching are also cordially invited to correspond with the Appointment Committee with a view to bettering their positions. Correspondence is invited from boards of education and from superintendents and principals of schools in need of teachers. No fee is charged for the services of the Committee.

THE STUDENT HEALTH SERVICE

This Service was established in the fall of 1915 as a separate department. Its object is the prevention of sickness and to help maintain the physical health and efficiency of the students. Emphasis is placed upon the great importance of early treatment of trivial ailments. Medical advice, treatment, and emergency aid are furnished to students while they are on the Campus during class hours. The department is located in Hayes Hall and is open from 9 to 12 a. m. and 2 to 4:30 p. m., Saturdays 9 to 12 a. m. A physician and graduate nurse are in constant attendance. The College of Pharmacy Dispensary fills prescriptions and furnishes medical supplies to students at cost. Since the University does not maintain a general infirmary for bedside work, in all cases of serious illness the patient is first given the choice of selecting his physician. If no choice is made he is referred to a local physician in whom the Service has full confidence. When too ill to be treated in their rooms, students are referred to one of the local hospitals. The Y. M. C. A. Health Committee, cooperating with his department, makes daily visits to students who are seriously ill.

LIVING ARRANGEMENTS

The President has authority to supervise the living arrangements of students not residents of the City of Columbus, and to order the immediate withdrawal of any student from any boarding or lodging house in which he deems the surroundings are undesirable.

ROOMS AND BOARD

The University does not possess any dormitory facilities for men. Boarding clubs are formed in the neighborhood of the University. Furnished rooms can be obtained at prices varying from ten to fifteen dollars a month. Board at the restaurants and boarding clubs near the University costs from six and one-half to eight dollars a week. The Ohio Union Commons offers board at reasonable rates. Board with furnished rooms can be obtained in private families at rates varying around ten dollars a week.

WOMEN STUDENTS

The Ohio State University is open to women upon the same conditions and by the same methods of registration offered to men. Within twenty-four hours after formal registration, every young woman must also register with the Dean of Women at her office in the Home Economics Building.

LIVING ARRANGEMENTS FOR WOMEN

It is recommended that women students arrange for a regular boarding place and be dependent neither upon the restaurants in the vicinity nor upon the cooking of their own meals. A list of approved houses for women with some indication of the character and price of rooms may be obtained from the Dean of Women after July 1st and additional addresses can be obtained in September upon application. This is a list of houses where only women are taken as roomers and where a parlor is available for callers. As renting a room by mail is not satisfactory, the University would advise either a preliminary visit

to the city for that purpose or arrival a day or two before registration. There should always be a definite understanding with the householder as to rates, times of payment, vacation charges, the period for which the room is engaged, and the privileges and rules of the house.

Whenever a room not on the approved list is desired or whenever removal is contemplated, the Dean of Women should be communicated with and her approval obtained before engaging rooms.

DORMITORIES FOR WOMEN

Oxley Hall, the hall of residence for women, accommodates seventy-two students. The hall contains suites, single and double rooms, with a students' sitting-room, dining-room, parlor, sun parlor, and laundry, this latter for the use of the students two days a week. The hall is governed by Student Government with the advice and supervision of the House Superintendent. For particulars, including rates, address House Superintendent, Oxley Hall, Columbus, Ohio.

St. Hilda's Hall has been provided for women students of the Episcopal Church under the government of the bishops of Ohio, with a local house committee consisting of church women identified with the University. For information, address Superintendent of St. Hilda's Hall, 169 West Eleventh Avenue, Columbus, Ohio.

South Hall, a residence for women, accommodates sixty-six students. For information, address Superintendent of South Hall, 169 West Tenth Avenue, Columbus, Ohio.

FEES AND EXPENSES

GENERAL CHARGES

All University fees must be paid at the opening of each semester as a condition of admission to classes. Registration is not complete until all fees have been paid. No student will have any privileges in the classes or laboratories until all fees and deposits are paid.

Since all fees are due and payable as a part of the student's registration, no person should come to the University for registration without money sufficient to cover all of his fees and deposits.

Matriculation Fee. Every student upon his *first admission to the University* is required to pay a matriculation fee of $10.00. This fee is paid but once and is in addition to other University fees and entitles the student to the privileges of membership in the University.

Non-Resident Fee. Every undergraduate student who is not a legal resident of the State of Ohio is required to pay a non-resident fee of $50.00 each semester of his residence in the University in addition to other University fees. The burden of registering under proper residence is placed upon the student. If there is any possible question of his right to legal residence, the matter should be brought to the attention of the Registrar and passed upon, previous to registration or the payment of fees. Any student who registers improperly under this rule shall be required to pay not only the non-resident fee but shall be assessed a penalty of $10.00.

No person shall be considered eligible to register in the University as a resident of the State of Ohio unless he has resided in the State twelve months next preceding the date of his proposed enrollment; and no person shall be considered to have gained a residence in this State for the purpose of registering in the University while he is a student in the University.

The residence of minors shall follow that of the legal guardian.

The residence of wives shall follow that of husbands.

Aliens who have taken out their first citizenship papers and who have been residents of Ohio for twelve months next preceding the date of their enrollment in the University, shall be regarded as eligible for registration as residents of Ohio.

Incidental Fee. The fee for all students is $20.00 a semester except as indicated below.

For students enrolled in the Three-Year Courses in the College of Agriculture, the fee is $10.00 each term or $20.00 a year.

Professional College Fees are as follows:

COLLEGE OF LAW—$30.00 each semester.

COLLEGE OF MEDICINE—$75.00 each semester.

INDUSTRIAL MEDICINE—$20.00 each semester.

PUBLIC HEALTH NURSING—$20.00 each semester.

SCIENCE NURSING—$20.00 each semester with the usual deposits for laboratory supplies.

PUBLIC HEALTH AND SANITATION—$20.00 each semester.

COLLEGE OF HOMOEOPATHIC MEDICINE—$75.00 each semester.

COLLEGE OF DENTISTRY—First year, $50.00 each semester with the usual deposits for laboratory supplies; second, third and fourth years —$75.00 each semester.

APPLIED OPTICS—First and second years, $20.00 each semester; third and fourth years, $50.00 each semester.

ADDITIONAL FEE FOR LATE REGISTRATION

Former students who do not pay their registration fees until the third day of the first semester, and the second day of the second semester, must pay one dollar additional. For each day of delinquency thereafter, fifty cents is added.

FEES FOR GRADUATE STUDENTS, SCHOLARS, AND INSTRUCTORS

Graduate students, with the exception of Graduate Assistants and Scholars, are subject to the same requirements relative to fees as undergraduates except the non-resident fee. Graduate Assistants and Scholars are not required to pay the incidental fee or the laboratory fees, but must pay the matriculation fee.

A member of the instructional force (above the grade of student assistant) who pursues courses for credit in the University, is exempt from the payment of fees, provided the total of credit hours for such courses in any one semester does not exceed one-half of the total permitted to full-time students; but this exemption does not apply to laboratory supplies, diploma fees, nor to the tuition fee in a college having such a fee.

(The President ruled that a "Graduate Assistant" is a student, and that the existing rule in regard to Graduate Assistants is not affected by the above rule.)

OTHER EXPENSES

THE OHIO UNION

A fee of one dollar a semester is paid by all male students at registration. This entitles the student to all privileges of the Union consistent with the Constitution and House Rules governing it.

LOCKER FEE

The gymnasium is free to all students, but those desiring to use a locker are charged a fee of two dollars a semester, which includes the rental of towels.

LABORATORY DEPOSIT

Students are required to pay for all materials consumed in laboratory work. To meet the cost of these materials a deposit ranging from two to fifteen dollars for each course requiring such supplies is made at the Bursar's office before the student can enter the laboratory. All laboratory supplies are sold at the Laboratory Supply Store, Chemistry Building, to students at cost to the University, and charged against the deposit. Any unused part of the deposit is refunded at the end of the semester.

Students should present their class cards to the Bursar when they pay laboratory deposits.

Instructors shall not permit students to engage in laboratory work unless first shown a receipt from the Bursar for deposits paid.

DEPOSIT FOR UNIFORM

The allowance made by the War Department is nearly sufficient to pay for the cadet uniform. Every student in the Military Department is required to make a deposit during his first year of residence of not to exceed thirty dollars for his uniform. If for any reason he is obliged to leave the University before the close of the academic year, such portion of the deposit that is due the student through attendance will be refunded to him. This refund is at the rate of four dollars for each month that he is in residence at the University and in attendance in the Military Department. If the student remains in attendance during the entire year his full deposit is refunded to him and the uniform becomes his property, free of charge.

PENALTIES

Election cards of students in the Colleges of Agriculture, Arts, Education, and Commerce and Journalism, who were in residence the previous year, that are not filed before September 1st, will be accepted only upon payment of one dollar.

Changes at the request of the student will not be made in these cards after September 1st, except on the payment of one dollar for each change.

These fees in exceptional cases, may be remitted by the Executive Committee of the College.

FEE FOR SPECIAL EXAMINATIONS

Any examination desired at a time other than that specified in the official schedule can be taken only with the permission of the Dean of the College and the instructor concerned after the payment of a fee of two dollars to the Bursar of the University.

FEE FOR SPECIAL RE-EXAMINATIONS

With the permission of the Dean of the College and the instructor concerned, conditions may be removed at a time other than the regularly scheduled condition examinations. In case such an examination is given at any other than the scheduled time, a special fee of two dollars must be paid to the Bursar of the University before such examination is given.

GRADUATION FEE

A fee of five dollars, to cover expense of graduation and diploma, is required of each person receiving one of the bachelor degrees from the University, and this fee must be paid on or before the last Wednesday preceding Commencement. A like fee of ten dollars is charged each person receiving one of the higher graduate degrees.

RETURN OF FEES

Fees are not returnable except in case of sickness and causes entirely beyond the control of the student. No portion of the fees shall be returned for voluntary withdrawal of the student or enforced withdrawal thirty days after registration. Students withdrawing under discipline forfeit all rights to the return of any portion of the fees. In no case shall more than one-half the fee be refunded.

COST OF A YEAR'S WORK

One of the most perplexing questions that confronts a prospective student is what the course is going to cost him a year.

The total cost of a year's work will depend considerably upon the course pursued. In some courses, such as chemistry, considerable material is used by the student, and this must be paid for by him. Engineering students must have a set of drawing instruments, which costs about $25.00. The cost of books is an item which varies greatly with the course. In general, it may be said that the legitimate cost each year ranges from $600 to $650 exclusive of traveling expenses.

In order to furnish information we have listed below an estimate of the average payments required by the University for the first year of the various colleges and have estimated the cost for room and boarding at a safe price. These two items are sometimes reduced slightly where two students occupy the same room and where boarding clubs are economically managed. Fees to the University are paid one-half at the beginning of each semester.

COLLEGES OTHER THAN PROFESSIONAL COLLEGES

Matriculation fee	$ 10 00
Incidental fee	30 00
Ohio Union	2 00
Gymnasium locker	4 00
Deposits to cover laboratory materials and breakage	30 00
Deposit to cover uniform	30 00
Books	30 00
Board—(36 weeks at $8.00 a week)	288 00
Room rent, at $15.00 a month	135 00
General expenses	100 00
Total	$ 659 00

The item of *general expenses* in the above estimate is always subject to the personal habits of the individual, and varies according to the degree of economy exercised.

Note—In order to meet all the necessary expenses of registration, books, deposit for uniform, and other expenditures incident to securing a room and board, a student should come prepared to expend from one hundred to one hundred and twenty-five dollars during the first ten days of a semester. After that period his board and room rent will constitute the major part of his expenses.

ASSISTANTSHIPS, SCHOLARSHIPS, AND FELLOWSHIPS

GRADUATE ASSISTANTSHIPS

In order to encourage graduates of this University, and of other similar and approved institutions, especially those in Ohio, to continue their studies and to pursue advanced work leading to the higher degrees, the University has established graduate assistantships in several departments. These assistantships demand from one-quarter to one-half of the time of the student for laboratory and other similar assistance, as far as possible along the line of his major subject. The remainder of his time is given to graduate work. The assistantships pay from $250 to $500 for the academic year and in addition all fixed fees are remitted, except the matriculation fee and a diploma fee for those students who receive degrees. At present there are such assistantships in the Departments of Agricultural Chemistry, American History, Bacteriology, Botany, Chemistry, Economics, English, European History, Geology, German, Mathematics, Physics, Psychology, Romance Languages, Zoology, and a few others in technical and professional colleges. Appointments to all assistantships are made annually in April or May for the following year. Students desiring such appointments can obtain application blanks by addressing the Dean of the Graduate School. Applications must be filed not later than March 15.

SCHOLARSHIPS AND FELLOWSHIPS

In addition to the graduate assistantships, a limited number of scholarships and fellowships have also been established. The scholarships are open to students having a baccalaureate degree from an approved institution and have a value of $250 with exemption from all fixed fees, except the matriculation fee and a diploma fee. The fellowships, on the other hand, are open only to students who have at least the Master's degree or its equivalent, and have a value of $500 with like exemption from all fixed fees, except the matriculation fee and a diploma fee. Scholars and fellows are selected on a basis of merit and must devote all of their time to graduate work, including research. Candidates for these positions should file their applications not later than March 15th. Application blanks may be obtained by addressing the Dean of the Graduate School.

THE STILLMAN W. ROBINSON FELLOWSHIP

This fellowship endowed by Stillman W. Robinson, late Professor of Mechanical Engineering, for the encouragement of graduate

research in Engineering, has a value of $750 annually and is open to graduates in Mechanical, Civil, and Electrical Engineering.

The holder of this fellowship must devote his entire time to graduate work. This should lead to the Master's or the Doctor's degree under the general regulations which obtain in reference to these degrees. For further information or for application blanks address the Dean of the Graduate School or the Secretary of the College of Engineering. All applications should be filed with the Dean of the Graduate School not later than March 15th.

THE E. I. duPont de NEMOURS FELLOWSHIP

Through the generosity of E. I. duPont de Nemours & Company of Wilmington, Delaware, and in recognition of the services of colleges and universities in training chemists for the emergency of the War, fellowships in Chemistry have been established in a number of institutions, one of which is available at the Ohio State University.

The holder of the fellowship must be prepared to engage at once in active research upon a problem distinctly chemical in character, there being no further limitations upon the fellowship. The stipend is $750 per annum, and it is expected that at the conclusion of the year the holder of the fellowship will be able to present his research as a thesis for the degree of Doctor of Philosophy. For further information or for application blanks address the Dean of the Graduate School.

All applications should be filed with the Dean of the Graduate School not later than March 15th.

THE GRASSELLI CHEMICAL COMPANY FELLOWSHIP

Through the generosity of the Grasselli Chemical Company of Cleveland, Ohio, a fellowship in Chemistry has been established at the Ohio State University. This fellowship carries with it a stipend of $750. An applicant for the fellowship must have had sufficient training in Chemistry to enable him to begin at once active research work. If the applicant has not received the degree of Doctor of Philosophy then the research work accomplished may be presented as a dissertation for this degree.

No limitations are placed upon the fellowship other than that the Grasselli Chemical Company may request that the subject of the investigation be chosen from the field of Organic Chemistry rather than that of Inorganic Chemistry or vice versa.

Candidates for this fellowship should file their applications with the Dean of the Graduate School not later than March 15th. Application

blanks may be obtained by addressing the Dean of the Graduate School, The Ohio State University.

THE SHEPHERD'S SCHOLARSHIP

The Philadelphia Wool and Textile Association offers a scholarship of one hundred and fifty dollars to a disabled soldier, appointed by the Faculty of the Department of Animal Husbandry, who wishes to specialize in sheep husbandry work. This scholarship requires that the applicant be a college graduate, and provides for him to receive special work in sheep husbandry subjects, during the entire year, as his major line of work.

THE RHODES SCHOLARSHIPS

Men who have completed their second year at the Ohio State University are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of three hundred pounds each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curriculum activities. Further information may be obtained from any member of the Rhodes Scholarship Committee of Selection for Ohio: Chairman, President W. O. Thompson, The Ohio State University, Columbus, Ohio; Professor B. E. Schmitt, Western Reserve University, Cleveland, Ohio; Cary R. Alburn, Esq., Attorney, Garfield Bank Building, Cleveland, Ohio; Secretary, Professor Leigh Alexander, Oberlin College, Oberlin, Ohio.

FREE SCHOLARSHIPS

Two types of free scholarships are offered in the College of Agriculture.

(1) Scholarships good for the four-year courses in the College of Agriculture.

(2) Scholarships good for the three-year courses in Agriculture and Horticulture.

FOUR-YEAR SCHOLARSHIPS

Twenty of these scholarships are assigned to each of the four districts into which the State is divided by the State Superintendent of Public Instruction for the purpose of supervising agricultural instruction given in the public schools.

Each scholarship is good for four years, and five of them become available in each district each year.

These scholarships are awarded to graduates of first and second grade high schools, through a competitive examination in high school agriculture that is held under the supervision of the State Superintendent of Public Instruction.

SHORT COURSE SCHOLARSHIPS

Three of these scholarships are assigned to each county in the State. Each scholarship is good for three years, and one becomes available each year.

These scholarships are awarded upon the recommendation of the Farm Bureau of each county.

VALUE OF SCHOLARSHIPS

The scholarships cover the University fixed fee. In the short courses a student saves $20 a year, and in the four-year courses $40 a a year.

For further information concerning these scholarships address the Dean of the College of Agriculture, The Ohio State University, Columbus, Ohio.

THE BRYAN PRIZE

Through the generosity of Hon. William J. Bryan an annual prize of forty-five dollars is offered for the best essay on the principles underlying the form of government in the United States. Competition for this prize is open to all students of the University. For further information, make inquiry of the Head of the Department of American History.

STUDENT AID

Through the munificence of Hon. R. P. Scott, of Cadiz, and the late J. McLain Smith, a certain sum is available each year for the assistance of worthy students. Students who have proved their ability to maintain a high order of scholarship and who are of high character and worth are given the preference in the award.

SELF-SUPPORT FOR MEN

There is a large amount of work upon the University farm which is assigned to students, preference being given to those who are studying Agriculture. *The University cannot promise work to all applicants.* Many students find work in private families, in offices, and in various occupations, by means of which they defray a portion of their expenses. A person of ability and energy who is master of a trade, or who can do good work of any kind, can generally find employment, but prospective students are cautioned against depending wholly upon such uncertain sources of income.

Students should distinctly understand that where they attempt entire or partial self-support they should lengthen the term of study. Students should not expect a special arrangement of class hours to accommodate their outside work. All outside work should be arranged with due regard to University obligations and classes which may occupy the Saturday morning hours as well as the late afternoon hours.

An employment bureau is maintained at the University Y. M. C. A. in Ohio Union, where the names of those seeking work and of those desiring workers are recorded. Very much depends, however, on the individual's power of initiative. Students should not come to the University expecting others to find places for them.

SELF-SUPPORT FOR WOMEN

Women students sometimes maintain themselves in college by securing room and board in exchange for service in the home. Students desiring such employment and persons desiring student-help may register with the Dean of Women, who will advise all students who desire employment. It must be recognized, however, that this is an unsatisfactory method and leaves the student little time for academic work.

During the college year the Dean of Women holds office hours every week-day except Saturday, in her office in the Home Economics Building. At such times she welcomes all women students who care to come to her, whether for advice, information, or an informal talk.

ADMISSION

THE ENTRANCE BOARD

The admission of students is in charge of the University Entrance Board, which determines the credits that shall be issued on all entrance examinations and certificates, and furnishes all desired information to applicants. Correspondence relating to admission should be addressed to the Entrance Board, The Ohio State University, Columbus.

ADMISSION TO COURSES LEADING TO DEGREES

There are two modes of admission to the courses of the University leading to degrees, (a) by examination, (b) by certificate.

ADMISSION BY EXAMINATION

The Entrance Board conducts annually two examinations for admission, one in June and the other before the opening of the session in September. All students planning to enter by examination must arrange to be present on these dates, since no other opportunities for examinations are offered. It is well to take as many of the examinations as possible in June and the remainder in September. By this plan an examination in which the candidate has failed in June, can be taken again in September. There is no fee charged for the examination, and paper for the written work is supplied by the examiners. A schedule of the examinations follows. Of course, no one applicant will take all of the studies here scheduled, but each will select those which are necessary to gain admission to the course of his choice. Upon request, the University Examiner will mail to any address a bulletin containing a sample set of questions.

SCHEDULE OF ENTRANCE EXAMINATIONS

The Entrance Board will conduct entrance examinations, June 21 to 25, and September 6 to 10, 1921.

The hours for examination are 8 a.m. and 1 p.m. Students intending to take any of the examinations scheduled in any given half-day must appear within one hour of the time set for examinations. Students applying for examination will go first to the Office of the Entrance Board, 107 University Hall, for registration.

Tuesday	A. M.	History: Ancient and Medieval (to 814 A. D.), Medieval and Modern (after 814 A. D.), English
Tuesday	P. M.	English Composition and Rhetoric, English Classics, Chemistry
Wednesday	A. M.	Algebra, Physical Geography, Greek
Wednesday	P. M.	Plane Geometry, German, Spanish, General Science
Thursday	A. M.	Civil Government, Solid Geometry, Zoology
Thursday	P. M.	Beginning Latin and Caesar, Elements of Agriculture, Trigonometry, Commercial Geography
Friday	A. M.	Physics, Physiology, Botany, Economics
Friday	P. M.	American History, French, English Literature
Saturday	A. M.	Virgil, Cicero, Home Economics, Astronomy, Geology

---

ADMISSION BY CERTIFICATE

Credentials which are accepted toward admission to the University become the property of the University and are kept permanently in the files.

All certificates must be official. They must be made out and signed by the superintendent, principal, school clerk, or some other official of the school, and *mailed by him directly to the University Examiner.* This should be done as early as possible in the summer. Blank certificates will be sent on application, and applicants are requested to use these rather than their high school certificates. Diplomas need not be presented.

CERTIFICATES FROM SECONDARY SCHOOLS IN OHIO

To be acceptable for admission a certificate from a secondary school in Ohio must be issued by a school rated as *first grade* on the list of the State Superintendent of Public Instruction; but certificates from schools rated as second grade will be accepted for admission to the College of Agriculture. To be satisfactory the certificate must give in detail the studies pursued, the number of recitations each week,

the length of each recitation period, and the grades received. No certificate will be accepted from a high school unless the holder is a graduate. Certificates from academies and private schools, not on the list of the State Superintendent of Public Instruction but inspected and approved by the University, will be accepted on the same conditions. If you are a graduate of a school that is not on the approved list of the Superintendent of Public Instruction write to the University Examiner for information.

CERTIFICATES FROM COLLEGES AND NORMAL SCHOOLS

A certificate from a college or a normal school *must indicate the preparatory units upon which the student entered,* the course pursued, the credits attached to each, the grades received, and the number of semesters in residence. It must differentiate the credits of the regular session from those of the summer session, and must state that the student is in good standing.

CERTIFICATES FROM EXAMINING BOARDS

Certificates will be accepted from the College Entrance Examination Board, the New York Regents, and the Ohio State Board of School Examiners at their face value.

CERTIFICATES OF EXPERIENCE OR OF AGE

Certificates of practical experience or of age must supply the exact address of the signer.

CORRECTIONS TO CERTIFICATES

All corrections to certificates must be made before registration for the second semester. Corrections offered later than this will be honored only by special action of the Entrance Board.

ADMISSION ON PROBATION

If the credentials of an applicant show that his scholarship has been of doubtful character, the Entrance Board is authorized to decline to admit him, or to admit him on probation for one semester. If at any time during the semester it becomes evident that his work of the classroom is unsatisfactory, the Executive Committee of his college may cancel his registration.

The Entrance Board may refuse college credits to a candidate admitted on probation.

ENTRANCE CONDITIONS

Number of Entrance Conditions Allowed on Certificates. No applicant will be admitted on certificate to any college of the University other than Agriculture or Engineering, who fails to present the units required for admission to his course. Applicants may be admitted to the Colleges of Agriculture or Engineering, with a deficiency of one unit. In the College of Engineering this deficiency must be in some topic other than foreign language.

In the College of Law a candidate may be admitted who lacks not to exceed four semester hours.

Removal of Entrance Conditions by Examination. The Entrance Board will conduct an examination for the removal of entrance conditions at an advertised date in April. Conditions may also be removed at the examinations for admission in June and September. A student who is taking or has completed a college course is not eligible for entrance examination upon the same topic unless it is a fixed requirement in his course. No entrance condition can be removed by examination after the beginning of the third semester of residence.

Removal of Entrance Conditions by Excess College Work. Four semester hours of college work as nearly in kind as practicable shall be cancelled from the student's collegiate record for each unit of entrance conditions outstanding at the beginning of the student's third semester of residence.

An entrance condition in solid geometry cannot be removed by substitution, but must be removed by examination before admission to descriptive geometry will be granted.

ADMISSION WITH ADVANCED STANDING

An applicant who comes from an approved college and who brings an official and explicit certificate describing his entrance credits, his courses of study and scholarship, and giving evidence of good standing, will be admitted to any of the colleges of the University. If the applicant is deficient in high school units the deficit will be made up from his college credits.

If no high school units are presented one full year of college credits (thirty semester hours) will be used to satisfy the entrance requirements.

TWO-YEAR LIMIT TO ADVANCED CREDITS

It is the general policy of the University that advanced credit from other institutions will be limited to a total of two years, save by special joint action of the appropriate Executive Committee and the Entrance Board.

ADMISSION WITH SPECIAL CLASSIFICATION

GENERAL REQUIREMENTS FOR ADMISSION AS A SPECIAL STUDENT

An applicant who desires to pursue a special plan of work in the University, but who is not a candidate for a degree will be admitted as a special student to the college offering the work upon the following conditions:

(a) He must satisfy the regular entrance requirements of the college to which he seeks admission;

(b) He must submit to the Executive Committee of the appropriate college for approval a written statement of the end he has in view, the studies proposed for the attainment of that end, and the probable period of his residence at the University. He will be held as rigidly to his accepted scheme of work as are regular students to their prescribed course of study.

SPECIAL STUDENTS OF MATURE YEARS

Under certain circumstances a person of mature years who is unable to meet the entrance requirements in all respects, may be permitted to matriculate for specified courses for which he can demonstrate adequate qualifications. Under no circumstances will an applicant under twenty-one years of age be considered. Inquiry concerning such admission should be addressed to the Entrance Board, and in order to receive careful consideration should reach the Board not less than ten days in advance of the opening of the semester.

IRREGULAR STUDENTS

After one year of registration as a Special Student, every individual of this class shall have the option of submitting a curriculum to the Executive Committee of the college in which he is enrolled and the Entrance Board which, when completed, will insure a degree or at that time secure permission to remain for one year more as a Special

Student. Upon the acceptance and filing of this curriculum with the Entrance Board, the student shall be transferred to the classification "Irregular Student."

TRANSIENT STUDENTS

A student in good standing in any recognized college who desires to take advantage of a limited number of courses at the University, particularly in the Summer Session, and who expects to return to his former college upon their completion will be designated as a Transient Student. He will not be required to bring credits for work already completed, but must present:

1. A statement from his Dean or President that he is in good standing.

2. A statement that his work here will receive credit in his own college.

ADMISSION AFTER THE OPENING OF THE COLLEGE YEAR

Registration of new students for the first semester will close the second Tuesday after Registration Day. No applicants will be granted admission after that date.

REVOKING OF CREDITS

Assignment to college courses shall be based upon the total count of high school units, irrespective of whether or not all units are required for admission.

A student assigned to a class that has a high school prerequisite and who demonstrates his lack of preparation to carry the work satisfactorily, may, upon the request of his instructor to the secretary of his college, be set back at any time during his first semester to the corresponding class having no prerequisites. The adjustment of entrance credits will not be altered, but in assigning the new course the college secretary will diminish the credit to one-half its standard value.

EXAMINATION FOR COLLEGE CREDIT

No college credit for hours will be granted for work done in the high school save upon examination authorized by the Entrance Board and conducted by the department concerned.

Credit by examination for excess work in foreign language completed in the high school will be given only to an applicant who presents at least seventeen units for admission. These units must conform to the definitions of the North Central Association before the examination privilege will be granted. The applicant for such credit will be required to present six units in language of which four units must be in one language and two in another. The credit must be secured during the first year of his residence in the University.

REQUIREMENTS FOR ADMISSION

THE GRADUATE SCHOOL

CLASSES OF ELIGIBLE CANDIDATES

Admission to the Graduate School is open to all graduates of the Ohio State University and of the colleges and universities belonging to the Ohio College Association, as well as to the graduates of other colleges and universities of approved standing.

For the purpose of admission of its graduates to the Graduate School, an approved college must meet the following conditions:

1. It must have at least six professors engaged exclusively in college or university work.

2. It must require for admission a course of four full years of academic or high school preparation, or its equivalent—a total of fourteen units, in addition to the pre-academic or grammar school studies.

3. It must have a course of four full years and require at least one hundred and twenty semester hours for graduation.

4. It must have a productive endowment of at least $200,000.

Before entering upon graduate work in any department the applicant must present evidence to the effect that he has had the necessary prerequisite training that will enable him to pursue with profit the courses desired. **It must be remembered also, that admission to the Graduate School does not necessarily imply admission to candidacy for a degree.**

A graduate of a college not on the approved list may be admitted to the Graduate School, provided that his college course, when checked by the University Entrance Board, entitles him to a credit of not less than 90 semester hours. In all such cases, however, the residence requirement for the graduate degree will be correspondingly increased.

CREDENTIALS FOR ADMISSION

An applicant for admission to the Graduate School must first secure a statement from the registrar or other officer of the university

or college of which he is a graduate, which contains the following information: (1) the date of graduation of the applicant; (2) the degree received; (3) the list of courses completed in those subjects which the applicant wishes to pursue in his graduate work. This statement, together with a catalog of the institution of which the applicant is a graduate, should be sent to the University Entrance Board not less than two weeks (an earlier date is preferable) before the opening of the semester in which the applicant expects to register. If the credentials are satisfactory an admission card to the Graduate School will be mailed promptly to the applicant. If the credentials are not satisfactory, or if further information is desired, the applicant will be notified at once by correspondence.

In case the applicant finds it impossible to present in advance the statement referred to in the preceding paragraph, he may present it in person on Registration Day and receive his admission card. However, the Entrance Board is always crowded with work on the opening days of the semesters, so that the applicant will find it greatly to his advantage to secure his admission card in advance by correspondence.

GRADUATE COURSE IN PUBLIC HEALTH AND SANITATION

Graduates of any Class A medical school will be admitted upon their record to the course in Public Health and Sanitation and registered as candidates for the degree of Master of Science. Any person holding the degree of Bachelor of Arts or an equivalent degree from the Ohio State University or from any other institution of like standing, will be admitted to the course in Public Health and Sanitation provided preliminary training has been taken in his collegiate course in each of the following subjects: chemistry (general and qualitative), 8 hours; physics, 8 hours; zoology (elementary), 6 hours; comparative anatomy (vertebrate), 5 hours; physiology, 6 hours; and bacteriology (general and pathogenic), 8 hours.

In order to meet these requirements graduates of the Ohio State University should have had the following courses, * while graduates of

*Note—Description of these courses may be found in the Bulletin of the College of Arts, Philosophy, and Science.

other universities and colleges should have had their equivalents:

General Chemistry and Qualitative Analysis 109-110
General Physics 103-104 or 105-106
Elementary Zoology 101-102
Comparative Anatomy 101-102 or 118 (5 hours)
Physiology 101-102 or 135-136
General and Pathogenic Bacteriology 107-108

Special students who do not expect to complete all the work required for the degree and who desire to fit themselves for some special field may be admitted to certain individual courses included in the curriculum on approval of the Graduate Council.

GRADUATE COURSE IN SOCIAL ADMINISTRATION

In order to be admitted to this course students must have completed the undergraduate course leading to the degree of Bachelor of Science in Social Service at the Ohio State University or a similar course offered at another approved institution. It is possible for such students to complete the course in one year.

Graduates of approved institutions who have not completed an undergraduate course in Social Service, but who have had considerable training in sociology, may also be admitted to the graduate course in Social Administration. Such students, however, will have to take a certain amount of additional work, the character and amount of which will depend upon their previous training, so that it will not be possible for them to obtain the degree of Master of Science in Social Administration in one year.

COLLEGE OF AGRICULTURE

ADMISSION TO FOUR-YEAR CURRICULA

An applicant for admission must be a graduate of a high school of the first or second grade.

REQUIREMENTS FOR AGRICULTURE

To obtain full standing applicants under twenty-one years of age must have credit by examination for fifteen units or a certificate of graduation from a high school of the first or second grade. It is

strongly recommended that the following combination of units be presented: two in English; two in foreign language; two in mathematics; one in history; one in physics; and seven at large.

No applicant under twenty-one years of age will be admitted to the College if he is conditioned in more than one unit. All entrance conditions must be removed within one year after admission.

Credit for Farm Experience, not to exceed two units, will be granted only to male applicants on the following terms: for one unit, the applicant must have resided on a farm two successive years after he was twelve years of age, and such residence must be certified on the high school certificate by the proper school official.

REQUIREMENTS FOR HOME ECONOMICS

Fifteen units from any first grade high school will be accepted, but it is expected that the following combination will be presented: three in English; four in foreign language; two in mathematics; one in history; one in physics; and four at large.

REQUIREMENTS FOR SCIENCE NURSING

An applicant for admission to this course must be a graduate of a high school of the first grade or receive credit by examination for fifteen units.

Fifteen units from any first grade high school will be accepted, but it is expected that the following combination will be presented: three in English; four in foreign language; two in mathematics; one in history; one in physics; and four at large. An applicant for admission who does not present these units will be required to carry courses in the University to make up the deficiency and this may delay her graduation.

SPECIAL STUDENTS

Applicants for admission who are over twenty-one years of age will be admitted in accordance with the provisions stated under "Special Students of Mature Years". See page 155.

COLLEGE OF ARTS, PHILOSOPHY AND SCIENCE

In compliance with the laws of the State of Ohio, the holder of a diploma from a first grade high school in the State will be admitted to the College of Arts, Philosophy, and Science upon presentation of his high school certificate.

Other applicants may be admitted without examination on presentation of properly indorsed certificates covering fifteen units and graduation from such secondary schools as have been accredited or recognized by the University, from approved normal schools, and from the State Board of School Examiners.

DISTRIBUTION OF UNITS

In order to form a broad foundation for the course in Liberal Arts the following distribution of units in the high school is strongly recommended: three in English; one in history; one in algebra and one in geometry; one in physics or chemistry; one in biological science; four in foreign language; and three additional in these or other studies. If the distribution of units does not meet the above recommendation the student will be required to carry courses in the University to make up the deficiency and this may delay his graduation.

SPECIAL STUDENTS

Applicants for admission who are over twenty-one years of age will be admitted in accordance with the provisions stated under "Special Students of Mature Years." See page 155.

COLLEGE OF COMMERCE AND JOURNALISM

Admission to the College of Commerce and Journalism as a candidate for a degree is open to any person who has completed satisfactorily two full years of work in any college of the Ohio State University, or the equivalent amount of work in any college or university of approved standing.* Many of the courses offered in this College have as prerequisites one or more of the elementary or fundamental courses in American history, economics, journalism, political science, psychology, or sociology. Applicants who are admitted to the College without these prerequisites must complete them satisfactorily before they can be granted admission to such advanced courses.

*Note: In general, sixty semester hours is interpreted as the minimum for two years of academic work. In exceptional cases a slight concession may be made by the joint action of the Entrance Board and the Executive Committee of the College.

SPECIAL STUDENTS

A person of mature years who is unable to meet the entrance requirements in all respects, under certain circumstances may be permitted to matriculate for specified courses for which he can demonstrate adequate qualifications. An applicant under twenty-three years of age will not be considered. Inquiry concerning such admission should be addressed to the Entrance Board, and to receive consideration must reach the Board not later than ten days in advance of the opening of the semester.

COLLEGE OF DENTISTRY

An applicant for admission to the College of Dentistry and for the degree of Doctor of Dental Surgery must be a graduate of a high school of the first grade, a normal school, or an accredited preparatory school and receive credit for fifteen entrance units, and have completed at least one year of instruction, thirty semester hours, in an approved college of liberal arts and science. The year of college instruction must include at least English 6 hours, biology 6 hours, and chemistry 6 hours. Physics must be presented for admission. This may be taken either in the high school or in an arts college.

For admission by certificate see the Bulletin of General Information.

ADVANCED STANDING AND OTHER INFORMATION

Students from accredited dental colleges may be admitted to advanced standing under the following rules:

1. They must present satisfactory evidence that they have met the entrance requirements.

2. They must present credentials from the proper officers of the dental college attended, showing that they were registered dental students and in residence for the time for which credit is sought, and that they have paid all financial obligations.

3. They must present official credentials of having completed a course of the same scope and extent as the course for which they seek credit. These credentials must be accompanied by a certificate from the dean or corresponding officer, supporting the facts under seal of the college.

COLLEGE OF EDUCATION

For complete entrance credit, an applicant for admission must be a graduate of a high school of the first grade or receive credit by examination for fifteen entrance units.

DISTRIBUTION OF UNITS

As a basis for the most advantageous arrangement of a college course, applicants are advised to present the following units for admission: three in English; one in history; two in mathematics; one in physics or chemistry; four in foreign language; and four as choice may direct. If this work is not presented for entrance, the student's progress may be retarded as he will be required to carry courses in the University to make up the deficiency and he may not be able to obtain a degree in the usual four years.

SPECIAL STUDENTS

Applicants for admission who are over twenty-one years of age will be admitted in accordance with the provisions stated under "Special Students of Mature Years". See page 155.

COLLEGE OF ENGINEERING

The College is open on equal terms to both sexes. For complete entrance credit, an applicant for admission who is under twenty-one years of age, must be a graduate of a high school of the first grade and receive credit by certificate for fifteen units; or he must receive credit by examination for fifteen units.

DISTRIBUTION OF UNITS

Of these fifteen units, not less than three shall be in English; three in mathematics (including solid geometry); one in physics; two in some one language (other than English); and six shall be elective, and may include any subject given by any first grade high school.

An applicant under twenty-one years of age may be admitted to the College with a deficiency of one unit.

An applicant over twenty-one years of age may be admitted with a total deficiency of two units.

An applicant with a deficiency in solid geometry must remove this deficiency by examination before he will be admitted to the Sophomore

class in descriptive geometry. An entrance condition in solid geometry cannot be removed by substitution.

An applicant entering with a deficiency in advanced algebra (½ unit) will be assigned to Mathematics 100, which will require his attendance during the succeeding summer session in order to secure admission to Sophomore mathematics.

SPECIAL STUDENTS

An applicant under twenty-one years of age who desires to pursue a special plan of work in the University, but who is not a candidate for a degree will be admitted as a special student upon the following conditions:

(a) He must satisfy the regular entrance requirements of the College of Engineering.

(b) He must submit to the Executive Committee of the College for approval, a written statement of the end he has in view, the studies proposed for the attainment of that end, and the probable period of his residence at the University. He will be held as rigidly to his accepted scheme of work as are regular students to their prescribed course of study.

An applicant for admission who is over twenty-one years of age will be admitted in accordance with the provisions stated under "Special Students of Mature Years". See page 155

COLLEGE OF HOMOEOPATHIC MEDICINE

This College is open on equal terms to both sexes. Applicants for admission must present to the Entrance Board three official certificates:

AN OHIO MEDICAL STUDENT'S CERTIFICATE. This can be obtained from the Entrance Examiner of the Ohio State Medical Board, State House, Columbus, Ohio.

The state law governing the practice of Medicine in Ohio prescribes that every person before entering a medical college must receive a Student's Medical Certificate issued by the Examiner of the State Medical Board. Regulations for securing this certificate may be obtained by writing to the Entrance Examiner of the Ohio State Medical Board, State House, Columbus, Ohio.

This certificate issued by the Medical Board has two uses: (1) It certifies that the holder has satisfied the minimum educational require-

ments as fixed by law for admission to medical colleges, which is equivalent to graduation from a first grade high school. It is therefore a prerequisite for matriculation in any medical college in the State of Ohio. (2) This certificate, with the diploma issued by a recognized college, must be submitted to the Secretary of the State Medical Board by an applicant for admission to the examinations for a license to practice Medicine in Ohio.

A CERTIFICATE OF WORK IN SECONDARY SCHOOLS. This must certify to graduation from a high school of the first grade (or from a preparatory school of equivalent rank), and must cover fifteen units for admission.

In lieu of a certificate of graduation from a high school of the first grade or of equivalent rank, a candidate for admission may meet the entrance requirements by passing examinations in fifteen units.

A CERTIFICATE OF COLLEGE ATTAINMENTS. Showing that the applicant has obtained credit for at least two years of college work either in the College of Arts, Philosophy, and Science of the Ohio State University, or in some other college of approved standing. These credits must total at least sixty semester hours, exclusive of military science or physical education, and must include the following:

REQUIRED SUBJECTS

(a) **Chemistry, 12 hours**

Chemistry, 12 semester hours required, of which at least 8 semester hours must be in general inorganic chemistry (including 4 semester hours of laboratory work), and 4 semester hours of organic chemistry.

(b) **Physics, 8 hours**

Physics, 8 semester hours required, of which at least 2 must be laboratory work. It is recommended that this course be preceded by a course in trigonometry. This requirement may be satisfied by 6 semester hours of college physics (of which 2 must be laboratory work) if preceded by a year (one unit) of high school physics.

(c) **Biology, 8 hours**

Biology, 8 semester hours required, of which 4 must consist of laboratory work. This requirement may be satisfied by a course of 8 semester hours in either general biology or zoology, or by courses of 4 semester hours each in zoology and botany, but not by botany alone.

(d) **English Composition and Literature, 6 hours**

English composition and literature. The usual introductory college course of 6 semester hours is required.

(e) **Foreign Modern Language, 8 hours**

Foreign modern language. A reading knowledge of one of these languages is strongly urged. If the reading knowledge in one of these languages is obtained on a basis of high school work the student should be urged to take another language in his college course. It is not considered advisable, however, to spend more than 12 of the required 60 semester hours on foreign language. In case a reading knowledge of one language is obtained by 6 semester hours of college work, another 6 semester hours may be well spent in taking the beginner's course in another language; if this is followed by systematic reading of scientific prose a reading knowledge of the second language may be readily acquired. When a student spends more than two years in pre-medical college work, he may well spend 12 semester hours of his college work in the second language.

(f) **Other Non-Science Subjects, 12 hours**

Non-science subjects. Of the 60 semester hours required as the measurement of two years of college work, at least 18, including the 6 semester hours of English, should be in subjects other than the physical, chemical, or biological sciences.

Subjects Strongly Urged:

Advanced botany or zoology, 3-6 hours.

Psychology, 3-6 hours.

Advanced mathematics, including algebra and trigonometry, 3-6 hours.

Additional courses in chemistry, 3-6 hours.

Other Suggested Electives:

English (additional), economics, history, sociology, political science, logic, mathematics, Latin, Greek, drawing.

(g) The above minimum requirements are especially designed for those students coming to this College from institutions other than the Ohio State University. Students taking their full six years of pre-homoeopathic medical work in this University are strongly urged to follow the Arts-Homoeopathic Medicine or Science-Homoeopathic Medicine Course.

Applicants for admission to the College of Homoeopathic Medicine who have received the B. A. or B. S. degree from an institution of recognized standing may be admitted provided they meet the requirements, or their equivalent, in chemistry, biology, physics, and English as stated in the Science-Homoeopathic Medicine Course.

ADVANCED STANDING

Graduates in Arts or Sciences of an accredited college, or graduates of colleges of Pharmacy or Dentistry, who have taken either a preparatory medical course or a special course in organic chemistry, physiology, or bacteriology, may be given subject-credit provided they present satisfactory credentials to the Entrance Board of having met the requirements of this College.

CREDIT FOR WORK DONE IN OTHER MEDICAL COLLEGES

Students from acceptable medical colleges may be admitted to advanced standing under the following rules:

1. They must present satisfactory evidence that they have met the entrance requirements of this College.

2. They must present credentials from the proper officer of the medical college attended, showing that they were registered medical students and in residence for the time for which credit is sought and that they have met all financial obligations.

3. They must present official credentials of having completed courses of the same scope and extent as the course for which they seek credit and satisfy the head of each department of their proficiency. These credentials must be accompanied by a certificate from the dean or corresponding officer supporting the above facts.

GRADUATES IN MEDICINE

A graduate from another acceptable medical college may obtain a diploma from this College only under the following conditions:

1. He must comply with the conditions for admission to this College, submit the required time and subject-credits from the college from which he was graduated, together with his diploma.

2. He must be in residence at this College for one full college year, and take all the courses included in the curriculum of the fourth year.

3. He must pass examinations in all the subjects of the fourth

year of the curriculum, and conform to all other requirements for graduation required of the students in this College.

SPECIAL STUDENTS

Graduates of Medicine or persons desiring to take courses not leading to graduation may be registered as special students, and may be admitted to such courses as they are fitted to take without preliminary examination, but only by permission of the dean and the professor in charge of the course and upon payment of the fees required. Subjects completed satisfactorily to the professor may be credited subsequently if the student enters upon a regular medical course.

COLLEGE OF LAW

CANDIDATES FOR A DEGREE

Graduates of the Ohio State University, or of other approved universities or colleges, will be admitted upon their records and registered in the College of Law as candidates for the degree, Bachelor of Laws.

Other applicants for admission who are graduates of a high school of the first grade, or who have met the entrance requirements, fifteen units, by examination and have sixty hours credit in a college of this University or have completed two full years at an institution of recognized standing, will be admitted to the College of Law as candidates for the degree, Bachelor of Laws.

Students may, at the discretion of the Executive Committee of the College of Law, be admitted on condition. Such conditions shall in no case be in excess of four semester hours, and must in all cases be removed before the beginning of the student's third year of law.

SPECIAL STUDENTS

Persons twenty-one years of age or over, who are unable to meet the requirements for admission as regular students, may be admitted as special students not candidates for a degree upon presenting evidence of their ability to pursue with profit the study of law. Such candidates are admitted by a vote of the Executive Committee of the College of Law and are held to the same degree of thoroughness in their work as are the regular students.

The student desiring to enter as a special student should submit in writing to the Dean during the summer preceding his entrance a statement of his qualifications and experience, as the entrance of such students is not encouraged and will only be allowed when clear evidence is given of ability to pursue the work.

COLLEGE OF MEDICINE

This College is open on equal terms to both sexes. Applicants for admission must present to the Entrance Board three official certificates:

AN OHIO MEDICAL STUDENT'S CERTIFICATE. This can be obtained from the Entrance Examiner of the Ohio State Medical Board, State House, Columbus, Ohio.

The state law governing the practice of Medicine in Ohio prescribes that every person before entering a medical college must receive a Student's Medical Certificate issued by the Examiner of the State Medical Board. Regulation for securing this certificate may be obtained by writing to the Entrance Examiner of the Ohio State Medical Board, State House, Columbus, Ohio.

This certificate issued by the Medical Board has two uses: (1) It certifies that the holder has satisfied the minimum educational requirements as fixed by law for admission to medical colleges, which is equivalent to graduation from a first grade high school. It is therefore a prerequisite for matriculation in any medical college in the State of Ohio. (2) This certificate, with the diploma issued by a recognized college, must be submitted to the Secretary of the State Medical Board by an applicant for admission to the examinations for a license to practice Medicine in Ohio.

A CERTIFICATE OF WORK IN SECONDARY SCHOOLS. This must certify to graduation from a high school of the first grade (or from a preparatory school of equivalent rank), and must cover fifteen units for admission. In lieu of a certificate of graduation from a high school of the first grade, or of equivalent rank, a candidate for admission may meet the entrance requirements by passing examinations in fifteen units.

A CERTIFICATE OF COLLEGE ATTAINMENTS. Showing that the applicant has obtained credit for at least two years of college work either in the College of Arts, Philosophy, and Science of the Ohio State University or in some other college of approved standing. These

credits must total at least sixty-four semester hours, exclusive of military science or physical education, and must include the following:

FIRST YEAR	First Semester	Second Semester
Foreign Language (French or German preferred)	4	4
English	2	2
Chemistry (general and qualitative)	4	4
Social Science	3	3
Zoology (101)	3	
Anatomy (118)		3
SECOND YEAR		
Foreign Language (French or German preferred)	4	4
†Psychology (101-102)	3	3
Physics (103-104 or 105-106)	4	4
Chemistry (organic)	5	
Physiology (132)		3
English		2

Applicants for admission to the College of Medicine who have received the B.A. or B.S. degree from an institution of recognized standing, may be admitted provided they meet the requirements, or their equivalent, in biology, English, chemistry, and physics, as stated above.

ADVANCED STANDING AND OTHER INFORMATION

Graduates in Arts or Sciences (or holders of a higher degree from an accredited college), or graduates of colleges of Pharmacy or Dentistry, who have taken either a preparatory medical course or an acceptable course in organic chemistry, physiology, or bacteriology, may be given subject-credit provided they present satisfactory credentials to the Entrance Board of having met the requirements of this College. But students given such advanced credit must in lieu thereof take such additional work as will give them no less than thirty semester hours each year in the first and second years of the Medical Course except on the recommendation of the Executive Committee.

CREDIT FOR WORK DONE IN OTHER MEDICAL COLLEGES

Students from acceptable medical colleges may be admitted to advanced standing under the following rules:

†Students who have not had their preparation at the Ohio State University may offer a substitution for Psychology.

1. They must present satisfactory evidence that they have met the entrance requirements of this College.

2. They must present credentials from the proper officer of the medical college attended, showing that they were registered Medical students and in residence for the time for which credit is sought and that they have met all financial obligations.

3. They must present official credentials of having completed courses of the same scope and extent as the course for which they seek credit and satisfy the head of each department of their proficiency. These credentials must be accompanied by a certificate from the dean or corresponding officer supporting the above facts.

SPECIAL STUDENTS

Graduates of Medicine or persons desiring to take courses not leading to graduation may be registered as special students, and may be admitted to courses for which they have prerequisites upon the payment of the fees required.

COLLEGE OF PHARMACY

The College is open on equal terms to both sexes. Applicants for admission must be at least sixteen years of age.

REQUIREMENTS OF THE OHIO LAWS

At the 1915 session of the General Assembly of Ohio a law was enacted requiring that candidates for registration as Pharmacist or Assistant Pharmacist shall meet certain educational requirements.

An applicant for certificate as Pharmacist, according to the law as amended by the General Assembly in 1919, shall be a citizen of the United States, shall be not less than twenty-one years old, shall be a graduate from a course in Pharmacy giving two years of work as prescribed by law, and shall have had two years of practical drug store experience. Any student taking a course in pharmacy longer than the two years prescribed by law may count each additional year successfully passed as one year of practical experience.

An applicant for certificate as Assistant Pharmacist, according to the law as amended by the General Assembly in 1919, shall be a citizen of the United States, shall be not less than eighteen years old, shall be a graduate from a course in Pharmacy giving two years of work as

prescribed by law, or shall have had one year of practical experience and have successfully passed one year of a course in Pharmacy.

In explanation of the general requirements, just mentioned, it may be stated that the state laws governing the practice of Pharmacy in Ohio further prescribe that every person before entering a Pharmacy college, must secure a Student's Pharmacy Certificate issued by the Examiner of the Ohio State Pharmacy Board. This certificate issued by the Pharmacy Board certifies that the holder has satisfied the minimum educational requirements, as required by law, for admission to Pharmacy colleges. It is therefore a prerequisite for matriculation in any Pharmacy college in Ohio recognized by the Board.

The following preliminary education shall be required on and after January 1st, 1920: a diploma from a legally constituted high school, normal school, or academy issued after at least four years of study. In lieu of a certificate from a high school the candidate may satisfy these requirements by passing examinations before the Examiner, in subjects in which he is deficient.

Further information relating to the state regulations governing the issuing of the certificate and the practice of Pharmacy may be obtained by writing to the Entrance Examiner or the Secretary of the State Board of Pharmacy, State House, Columbus, Ohio.

PRACTICAL EXPERIENCE

Practical experience is time spent in a drug store in which physicians' prescriptions are compounded as prescribed by law.

A person who enters a drug store before attending college, with the purpose of becoming a Pharmacist, must be registered with the State Board of Pharmacy as an apprentice within ninety days after entering such employment. Persons having store experience before coming to college should see that such experience is recorded with the State Board of Pharmacy.

REQUIREMENTS FOR ADMISSION

The College offers two courses of instruction, one covering a period of four years and the other, two years, with the following requirements for admission, which are identical for both courses:

An applicant under twenty-one years of age must have credit by examination for fifteen units or he must be a graduate of a high school of the first grade and must present a certificate of graduation describing in full at least fifteen units of secondary school work. Of

these units presented, two shall be in English, one in history, two in mathematics, one in science, and two in foreign language.

In addition, in compliance with the law, each applicant must also present a certificate from the Entrance Examiner of the State Board of Pharmacy.

In order that there may be no delay in securing the Student's State Certificate, those persons expecting to enter school should make an early application to the State Examiner for the state certificate and this with the high school certificate should be sent in advance, if possible, to the University Entrance Board in order that no delay in registering may occur.

For further information regarding admission to the College, by certificate or examination, see the Bulletin of General Information issued by the University. Blank certificates and information concerning the entrance examinations may be obtained from the Entrance Board, The Ohio State University.

SPECIAL SHORT COURSE STUDENTS

Students who have completed the work for the first year of the Short Course, and who wish to pursue certain of the studies of the Long Course, will be permitted to do so provided they are able to convince the Executive Committee and the Entrance Board of their ability to carry the work desired. Such students are classified as special students in the Short Course.

Such students will not be candidates for graduation but they are held to the same degree of thoroughness in their work as are the regular students, and will be expected to meet all of the rules and regulations exacted by the University.

ADMISSION WITH ADVANCED STANDING

Applicants who have completed at least one year's work in an approved college, and who bring official and explicit certificates describing their courses of study and scholarship and letters of honorable dismissal, will be admitted in accordance with either of two plans:

1. The entrance units on which the candidate was admitted to the approved college will be accepted at their face value; deficiencies will be made up from the college credits presented and advanced credits will be given for any remaining satisfactory work; or

2. One year's work will be accepted in lieu of entrance units and the candidate will be admitted without examination and without conditions, but without any advanced standing on the year's work.

Applicants who have completed less than one year's work in an approved college must satisfy the entrance requirements in the usual way, and will then be given credit for any satisfactory work for which they can offer certificates.

COLLEGE OF VETERINARY MEDICINE

To obtain admission without condition applicants under twenty-one years of age must present a certificate of graduation from a high school or an equivalent certificate from a preparatory school of recognized standing; or they must receive credit by examination for fifteen entrance units.

An applicant under twenty-one years of age will be allowed one unit of deficiency. This must be made up by examination before the beginning of the third semester of residence or an equivalent amount of college work will be added to the requirement for graduation.

APPLIED OPTICS

To obtain full standing, an applicant under twenty-one years of age must be a graduate of a high school of the first grade or receive credit by examination for fifteen units.

PUBLIC HEALTH AND SANITATION

Graduates of any Class A medical school will be admitted upon their records to the course in Public Health and Sanitation and registered as candidates for the degree of Master of Science. Any person holding the degree of Bachelor of Arts, or an equivalent degree, from the Ohio State University or from any other institution of like standing, will be admitted to the course in Public Health and Sanitation provided preliminary training has been taken in his collegiate course in each of the following subjects: chemistry (general and qualitative), 8 hours; physics, 8 hours; zoology (elementary), 6 hours; comparative anatomy, (vertebrate), 5 hours; physiology, 6 hours; and bacteriology (general and pathogenic), 8 hours.

In order to meet these requirements, graduates of the Ohio State University should have had the following courses,* while graduates of other universities and colleges should have had their equivalents:

General Chemistry and Qualitative Analysis 109-110
General Physics 103-104 or 105-106
Elementary Zoology 101-102
Comparative Anatomy 101-102 or 118 (5 hours)
Physiology 101-102 or 135-136
General and Pathogenic Bacteriology 107-108

Special students who do not expect to complete all the work required for the degree and who desire to fit themselves for some special field may be admitted to certain individual courses included in the curriculum on approval of the Graduate Council.

SCIENCE NURSING

To obtain full standing applicants under twenty-one years of age must have credit by examination for fifteen units or a certificate of graduation from a high school of the first grade.

Fifteen units from any first grade high school will be accepted, but it is expected that the following combination will be presented: three in English; four in foreign language; two in mathematics; one in history; one in physics; and four at large. Students who do not present these units will be required to carry courses in the University to make up the deficiency and this may delay their graduation.

PUBLIC HEALTH NURSING

An applicant for admission to the course in Public Health Nursing must satisfy the requirements for Registered Nurse in the State of Ohio (for further information apply to the State Medical Board, Columbus). Senior students in recognized training schools for nurses may be admitted upon presentation of their credentials. Students registered in other colleges of the University may elect the courses offered in the curriculum, provided they have had the prerequisites required, except the course in Public Health Nursing Field work, for which at least two years of formal nursing training is required.

*Note—Description of these courses may be found in the Bulletin of the College of Arts, Philosophy, and Science.

INDUSTRIAL MEDICINE

A graduate of any Class A medical school will be admitted upon his record to the course in Industrial Medicine and registered as a candidate for the certificate in Industrial Medicine. He will register in the Graduate School for such courses as are of graduate character and in the College of Medicine for the courses required in the curriculum offered in that College. Senior students in the College of Medicine may be admitted to this course and allowed to take such work as the Executive Committee of the College of Medicine will permit them to take concurrently with the prescribed work of the fourth year, but in no case may the courses in Industrial Medicine be substituted for the prescribed work in the College of Medicine. The course is open on equal terms to both sexes, and for the present the registration will be limited to five students.

SPECIAL STUDENTS

Special students, not candidates for the "Certificate of Graduate in Industrial Medicine," should apply to the proper departments in the University for such of the courses as they may elect to take.

THE SUMMER SESSION

The requirements for admission to work in the Summer Session in any college, or the Graduate School, are the same as during the regular college year. (See the requirements for admission under each of the colleges and the Graduate School.)

CURRICULA AND REQUIREMENTS FOR GRADUATION

COLLEGE OF AGRICULTURE

OUTLINE OF THE FIRST YEARS WORK IN ALL FOUR-YEAR CURRICULA

In order to permit all Agricultural students to have a year in which to find out definitely what courses they desire to pursue, the first year of all curricula in this College except the curriculum in Home Economics, is made uniform.

The following uniform first year is required of all students entering the College of Agriculture, except those following the curriculum in Home Economics:

NOTE—The figure in parenthesis following the name of each subject indicates the number of that subject in its department, the other figure the number of credit hours. For full description of the courses, see corresponding numbers under the Departments of Instruction.

First Semester			Second Semester		
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
Botany	(101)	3	Botany	(102)	3
or			or		
Zoology	(101)	3	Zoology	(102)	3
English	(101)	2	English	(104)	2
*Mathematics	(107)	3	*Physics	(109)	3
*Engineering Drawing	(125)	2	*Geology	(151)	3
*Shopwork	(101)	2	*Shopwork	(103)	2
Survey of Agriculture		1	Military Science		1
Military Science		1	Physical Education		1
Physical Education Hygiene	(100)	1			
Physical Education		1			

Students may substitute 4 hours of German, French, or Spanish throughout the year for the two hours each of English and Shopwork; in which case, the English must be taken in the second year.

Students planning to specialize in Farm Crops should schedule Botany 101-102 the first year and Zoology 101-102 the second year.

Students expecting to major in Landscape Architecture should consult the outlined curriculum. (See page 181.)

*These courses may be taken in either semester.

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Agricultural Chemistry	(103)	3	Soils	(152)	3
Agricultural Chemistry	(101)	2	Soils	(150)	2
Botany	(101)	3	Botany	(102)	3
or			or		
Zoology	(101)	3	Zoology	(102)	3
Military Science		1	Military Science		1

And at least 7 hours from the following:

Physiology	(101)	3	Physiology	(102)	3
Psychology	(101)	3	Psychology	(102)	3
Economics	(101)	3	Economics	(102)	3
Entomology	(107)	3	Entomology	(108)	3
Foreign Language		4	Foreign Language		4
*Animal Husbandry	(135)	4	Animal Husbandry	(137)	3
Horticulture	(101)	4	Horticulture	(*118) or (120)	4
Farm Crops	(*101) or (109)	4	*Agricultural Engineering	(101)	4
*Dairying	(101)	4	Dairying	(102)	4
Geology	(105)	3	Geology	(106)	3
English	(105, 141, or 145)	2 or 3	English	(106 or 133)	2 or 3
Public Speaking	(101)	2	Public Speaking	(102)	2
Anatomy	(101)	3	Anatomy	(102)	3
Botany	(125)	4	Botany	(126)	4
Zoology	(121)	3	Zoology	(122)	3
Zoology	(115)	3	Meteorology	(101)	2
			Farm Crops	(111)	4

THIRD YEAR

Agricultural Electives (including major subject)		12	Agricultural Electives (including major subject)		12
Other Electives		5	Other Electives		5

FOURTH YEAR

Agricultural Electives (including major subject)		12	Agricultural Electives (including major subject)		12
Other Electives		5	Other Electives		5

REQUIREMENTS FOR GRADUATION

A part of every student's curriculum is prescribed in the preceding outline; the remainder of the student's work is elective, except as indicated on the following page.

*These courses may be taken in either semester.

MAJOR SUBJECT

Before the close of the second year the student must choose a department in which he will carry his major work throughout the third and fourth years. The head of the department, or other instructor appointed by him, will become the student's adviser with authority to designate one minor subject.

Major in Agriculture: Students majoring in agricultural subjects must take Economics 101-102, and in addition at least one semester's work in the following departments: Agricultural Engineering, Animal Husbandry, Dairying, Entomology, Farm Crops, Horticulture, and Rural Economics.

Major in Horticulture: Students majoring in horticultural and forestry subjects must take Economics 101-102, Entomology 107-108, Botany 125-126, and Botany 116.

Major in Landscape Architecture: Students majoring in Landscape Architecture must follow the curriculum as outlined on page 181.

Major in Applied Entomology: Students majoring in Applied Entomology must follow the curriculum as outlined on page 184.

MAXIMUM CREDIT IN A DEPARTMENT

Not more than forty hours in any one department will be credited toward a degree.

WORK IN OTHER COLLEGES

A student may elect not to exceed five hours a semester during the third and fourth years from work offered in any other college except the Colleges of Law, Medicine, Homoeopathic Medicine, and Dentistry.

FARM EXPERIENCE

As a prerequisite for graduation in all the courses in the College of Agriculture excepting Home Economics, students graduating in June, 1920, must have had two summers of farm experience; in 1921, three summers of farm experience; and in 1923, one full year of farm experience. This requirement shall be interpreted as meaning actual work done in residence on the farm. The one year requirement, when effective, must be met before the student is permitted to register for his third year.

REQUIREMENTS FOR A DEGREE

On the completion of one hundred and thirty-six semester hours in addition to military science and physical education, the student will be recommended for the degree, Bachelor of Science.

LANDSCAPE ARCHITECTURE

FIRST YEAR

Same as required in the other curricula of the College except the curriculum in Home Economics. Students expecting to elect the curriculum in Landscape Architecture should take Botany 101-102 in place of Zoology 101-102 and Art 131-132 in place of Shopwork 101-103, and Horticulture 150.

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Architecture	(131)	2	Art	(141)	2
Civil Engineering	(131)	5	Horticulture	(154)	3
Engineering Drawing	(108)	3	French		4
Horticulture	(151)	2	Horticulture	(152)	2
French		4	Horticulture	(158)	3
Horticulture	(157)	3	Landscape Design		
Landscape Design			Architecture	(132)	2
Military Science		1	Military Science		1

THIRD YEAR

Architecture	(133)	3	Architecture	(136)	3
History of Architecture			History of Architecture		
Art	(133)	2	Art	(136)	2
Economics	(101)	3	Economics	(102)	3
Civil Engineering	(133)	1	Horticulture	(162)	4
Horticulture	(159)	3	Horticulture	(160)	3
Advanced Landscape Design			Advanced Landscape Design		
Entomology	(155)	3	Elective		2 or 3
Elective		2 or 3			

FOURTH YEAR

Architecture	(113)	2	Art	(137)	3
Art	(147)	2	Botany	(116)	3
Horticulture	(145)	3	Plant Pathology		
Horticulture	(164)	3	Horticulture	(174)	3
Landscape Surveying			Civic Design		
Horticulture	(169)	3	Horticulture	(170)	3
Psychology	(101)	3	Horticulture	(166)	3
Horticulture	(173)	3	Landscape Engineering		
Civic Design					

HOME ECONOMICS

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
Art	(131)	2	Art	(141)	2
English	(101)	2	English	(104)	2
Home Economics	(111)	2	Home Economics	(112)	2
Bibliography	(103)	½	Art	(119)	1
Engineering Drawing	(127)	1½	Engineering Drawing	(128)	1½
Botany or Zoology	(101)	3	Botany or Zoology	(102)	3
Physical Education	(131)	1	Physical Education	(132)	1
Physical Education Hygiene	(100)	1			

Those students who desire to study modern language may postpone Art 131, 141, and Engineering Drawing 127, 128 until later in their course.

SECOND YEAR

(Not given until 1922-1923)

Chemistry	(127)	2	Chemistry	(128)	1
Agricultural Chemistry	(123)	3	Agricultural Chemistry	(124)	4
Home Economics	(101)	5	Home Economics	(102)	5
Physiology	(101)	3	Physiology	(102)	3
English	(105 or 107)	2	English	(106 or 108)	2
Physical Education	(133)	1	Physical Education	(134)	1

THIRD YEAR

(Not given until 1923-1924)

Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(104)	3
*Home Economics	(121)	3	Home Economics	(118)	3
Psychology	(105)	3	*Home Economics	(113)	3
*Art	(121)	2	Home Economics	(110)	4

FOURTH YEAR

Sociology	(101)	3	Sociology	(102)	3
Home Economics	(119)	4	English or Journalism	2 or	3
*Home Economics	(105)	2-5			
English or Journalism	2 or	3			

Electives to complete 127 hours.

*NOTE—In special cases substitution may be made for one or more of these courses upon the consent of the Head of the Department of Home Economics. Such substitution must be made before the end of the year preceding that in which the course is to be taken.

The schedule card of studies for the fourth year must be filled out in conference with the Head of the Department of Home Economics. The card must be signed by the Head of the Department before it can be approved by the Secretary of the College. Students not offering entrance credit in American history must include six hours of American history.

The department aims to give general training in Home Economics and also to provide special opportunity for study of the problems of home making, teaching, extension work, hospital dietetics, institutional management, social welfare work, and other phases of the Home Economics field. Students desiring to specialize should consult the Head of the Department not later than the close of the second year.

SECOND YEAR

(Given only in 1921-1922)

FIRST SEMESTER			SECOND SEMESTER		
Agricultural Chemistry	(123)	3	Agricultural Chemistry	(124)	4
Chemistry	(127)	2	Chemistry	(128)	1
Home Economics	(101)	5	Home Economics	(102)	5
Botany or Zoology	(101)	3	Botany or Zoology	(102)	3
English	(105 or 107)	2	English	(106 or 108)	2
Engineering Drawing	(127)	1½	Engineering Drawing	(128)	1½
Physical Education	(133)	1	Physical Education	(134)	1

THIRD YEAR

(Given only in 1921-1922)

Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(110)	4
Bibliography	(103)	½	Home Economics	(118)	3
*Art	(121)	2	*Home Economics	(113)	3
Home Economics	(104)	3	*Home Economics	(121)	3
Agricultural Chemistry	(124)	4			

THIRD YEAR

(Given only in 1922-1923)

Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(104)	3
Physiology	(101)	3	Physiology	(102)	3
Psychology	(105)	3	*Home Economics	(113)	3
*Art	(121)	2	Home Economics	(118)	3
*Home Economics	(121)	2	Home Economics	(110)	4

FOURTH YEAR

(Given only in 1922-1923)

Sociology	(101)	3	Sociology	(102)	3
Home Economics	(119)	4	English or Journalism	2 or	3
Home Economics	(105)	2-5	Engineering Drawing	(128)	1½
English or Journalism	2 or	3			
Engineering Drawing	(127)	1½			

Electives to make at least 15 hours throughout the year.

*NOTE—In special cases substitution may be made for one or more of these courses upon the consent of the Head of the Department of Home Economics. Such substitution must be made before the end of the year preceding that in which the course is to be taken.

The schedule card of studies for the fourth year must be filled out in conference with the Head of the Department of Home Economics. The card must be signed by the Head of the Department before it can be approved by the Secretary of the College. Students not offering entrance credit in American history must include six hours of American history.

HOME ECONOMICS

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
Art	(131)	2	Art	(141)	2
English	(101)	2	English	(104)	2
Home Economics	(111)	2	Home Economics	(112)	2
Bibliography	(103)	½	Art	(119)	1
Engineering Drawing	(127)	1½	Engineering Drawing	(128)	1½
Botany or Zoology	(101)	3	Botany or Zoology	(102)	3
Physical Education	(131)	1	Physical Education	(132)	1
Physical Education Hygiene	(100)	1			

Those students who desire to study modern language may postpone Art 131, 141, and Engineering Drawing 127, 128 until later in their course.

SECOND YEAR

(Not given until 1922-1923)

Chemistry	(127)	2	Chemistry	(128)	1
Agricultural Chemistry	(123)	3	Agricultural Chemistry	(124)	4
Home Economics	(101)	5	Home Economics	(102)	5
Physiology	(101)	3	Physiology	(102)	3
English	(105 or 107)	2	English	(106 or 108)	2
Physical Education	(133)	1	Physical Education	(134)	1

THIRD YEAR

(Not given until 1923-1924)

Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(104)	3
*Home Economics	(121)	3	Home Economics	(118)	3
Psychology	(105)	3	*Home Economics	(113)	3
*Art	(121)	2	Home Economics	(110)	4

FOURTH YEAR

Sociology	(101)	3	Sociology	(102)	3
Home Economics	(119)	4	English or Journalism	2 or	3
*Home Economics	(105)	2-5			
English or Journalism	2 or	3			

Electives to complete 127 hours.

*NOTE—In special cases substitution may be made for one or more of these courses upon the consent of the Head of the Department of Home Economics. Such substitution must be made before the end of the year preceding that in which the course is to be taken.

The schedule card of studies for the fourth year must be filled out in conference with the Head of the Department of Home Economics. The card must be signed by the Head of the Department before it can be approved by the Secretary of the College. Students not offering entrance credit in American history must include six hours of American history.

The department aims to give general training in Home Economics and also to provide special opportunity for study of the problems of home making, teaching, extension work, hospital dietetics, institutional management, social welfare work, and other phases of the Home Economics field. Students desiring to specialize should consult the Head of the Department not later than the close of the second year.

SECOND YEAR

(Given only in 1921-1922)

FIRST SEMESTER			SECOND SEMESTER		
Agricultural Chemistry	(123)	3	Agricultural Chemistry	(124)	4
Chemistry	(127)	2	Chemistry	(128)	1
Home Economics	(101)	5	Home Economics	(102)	5
Botany or Zoology	(101)	3	Botany or Zoology	(102)	3
English	(105 or 107)	2	English	(106 or 108)	2
Engineering Drawing	(127)	1½	Engineering Drawing	(128)	1½
Physical Education	(133)	1	Physical Education	(134)	1

THIRD YEAR

(Given only in 1921-1922)

Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(110)	4
Bibliography	(103)	½	Home Economics	(118)	3
*Art	(121)	2	*Home Economics	(113)	3
Home Economics	(104)	3	*Home Economics	(121)	3
Agricultural Chemistry	(124)	4			

THIRD YEAR

(Given only in 1922-1923)

Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(104)	3
Physiology	(101)	3	Physiology	(102)	3
Psychology	(105)	3	*Home Economics	(113)	3
*Art	(121)	2	Home Economics	(118)	3
*Home Economics	(121)	2	Home Economics	(110)	4

FOURTH YEAR

(Given only in 1922-1923)

Sociology	(101)	3	Sociology	(102)	3
Home Economics	(119)	4	English or Journalism	2 or	3
Home Economics	(105)	2-5	Engineering Drawing	(128)	1½
English or Journalism	2 or	3			
Engineering Drawing	(127)	1½			

Electives to make at least 15 hours throughout the year.

*NOTE—In special cases substitution may be made for one or more of these courses upon the consent of the Head of the Department of Home Economics. Such substitution must be made before the end of the year preceding that in which the course is to be taken.

The schedule card of studies for the fourth year must be filled out in conference with the Head of the Department of Home Economics. The card must be signed by the Head of the Department before it can be approved by the Secretary of the College. Students not offering entrance credit in American history must include six hours of American history.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined, under the restrictions and requirements prescribed above, the student will be recommended for the degree of Bachelor of Science.

APPLIED ENTOMOLOGY

Uniform First Year

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Entomology	(107)	3	Entomology	(108)	3
Botany	(101)	3	Botany	(102)	3
Modern Language French, Spanish, or German		4	Modern Language French, Spanish, or German		4
Farm Crops	(101 or 109 or 111)	4	Art	(131)	2
Military Science		1	Military Science		1
Elective		2	Elective		4

THIRD YEAR

Entomology	(113)	4	Entomology	(114)	4
Bacteriology	(107)	4	Bacteriology	(108)	4
Physiology or	(101)	3	Physiology or	(102)	3
Anatomy	(101)	3	Anatomy	(102)	3
Architecture	(111)	2	Botany	(116)	3
Public Speaking	(101)	2	Public Speaking	(102)	2

Elective: During the third year the student must elect either Zoology (153) 2 or Entomology (149) 4.

NOTE—Unless the candidate for a degree has had a full equivalent, not less than one summer of field work in an Experiment Station or other practical work in Entomology is required before graduation.

FOURTH YEAR

Entomology	(147)	2	Entomology	(112)	3
Entomology	(151)	3	or		
Elective		9 or 10	Entomology	(162)	4
			Entomology	(148)	2
			Entomology	(152)	3
			Elective		8 or 9

Elective: During the fourth year the student must elect either Zoology (153) 2 or Entomology (149) 4, whichever was not elected during the third year.

SUGGESTED OUTLINES

For a student who desires to specialize in a definite department the following outline of the sequence of courses is given to aid him in the selection of his electives. This outline is merely suggestive. The definite requirements for the degree in this College are stated on pages 179-180.

AGRICULTURAL CHEMISTRY AND SOILS

Students who take the major subject in Agricultural Chemistry and Soils may specialize in any of the following phases of the subject:

Chemistry of Animal Nutrition
Chemistry of Dairy Products
Chemistry of Fertilizers
Chemistry of Plant Life
Chemistry of Soils
Food Inspection and Analysis

All students intending to major in this department should consult Mr. Lyman or Mr. Bear for advice in outlining a curriculum. It is desirable that this consultation be held soon after admission to the College in order that the student may take best advantage of optional and elective privileges.

Students majoring in Dairying, Animal Husbandry, Farm Crops, Horticulture, Botany, and Zoology can elect minors in the Department of Agricultural Chemistry and Soils to advantage.

AGRICULTURAL EDUCATION

FUNDAMENTAL COURSES:

*Elementary Zoology	(101-102)	6
*General Botany	(101-102)	6
*Elementary Chemistry (105-106) or General Chemistry	(109-110)	8
*Agricultural Mathematics	(107)	3
*General Physics	(109)	3
*Principles of Geology	(151)	3
General Bacteriology	(107)	4
*Carpentry and Forging (Shopwork)	(101-103)	4
*Mechanical Drawing	(125)	2
*English	(101-104)	4
*Principles of Economics	(101-102)	6
*Survey of Agriculture		1

*Required courses in the College of Agriculture.

SCIENTIFIC AGRICULTURE:

*General Agricultural Chemistry	(103)	5
*Elementary Soils	(152)	5
Farm Crops		
*Field Crop Production	(101)	4
Cereal Crops	(109)	4
Forage Crops	(111)	4
*Farm Horticulture	(118)	4
*Economic Entomology	(107-108)	3
Animal Husbandry		
*Elementary Live Stock Judging	(135)	4
Principles of Feeding	(137)	3
Dairy Cattle Production and Management	(145)	4
Poultry Husbandry	(117-118)	3
*Principles of Dairying	(101)	4
Agricultural Engineering		
*Farm Engineering	(101)	4
Drainage	(106)	3
Rural Economics		
Farm Accounting	(101)	2
Farm Management	(103)	4
*Agricultural Economics	(104)	3

PROFESSIONAL EDUCATIONAL SUBJECTS:

Psychology		3
Principles of Teaching		3
Rural Community Life	(110)	3
Methods of Teaching Vocational Agriculture	(101)	3
Observation Teaching of Agriculture	(103)	3
Practice Teaching of Agriculture	(104)	3
Methods of Agricultural Extension	(102)	2
Elective		5
Total		136

Students wishing to major in departments in which only one course is recommended above may, by consulting the Department of Agricultural Education, make arrangements for substitutions that will enable them to major in any department.

AGRICULTURAL ENGINEERING

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Agricultural Engineering	(101)	4 hours
	Agricultural Engineering	(106)	3 hours
THIRD YEAR:	Agricultural Engineering	(103)	3 hours
	Agricultural Engineering	(107)	4 hours
	Suggested Electives:		
	Physics	(105-106)	8 hours

*Required courses in the College of Agriculture.

FOURTH YEAR:	Agricultural Engineering	(110)	3 hours
	Agricultural Engineering	(111-112)	2 to 5—2 to 5 hours
	Agricultural Engineering	(118)	3 hours
	Elective: Mathematics	(131-132)	10 hours

All students intending to major in this department should consult the department instructors before making schedules for the second year. A complete outline has been worked out so as to eliminate all conflicts and to secure all required work in a logical order.

ANIMAL HUSBANDRY

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Animal Husbandry Elementary Live Stock Judging	(135)	4 hours
	Animal Husbandry Principles of Feeding	(137)	3 hours
THIRD YEAR:	Animal Husbandry Horse Production and Management	(139)	4 hours
	Animal Husbandry Beef Cattle Production and Management	(141)	4 hours
	Animal Husbandry Swine Production and Management	(143)	4 hours
	Animal Husbandry Dairy Cattle Production and Management	(145)	4 hours
	Animal Husbandry Sheep Production and Management	(147)	4 hours
FOURTH YEAR:	Animal Husbandry Advanced Live Stock Judging	(151)	3 hours
	Animal Husbandry Meats and Meat Products	(153)	3 hours
	Agricultural Chemistry Animal Nutrition	(111-112)	2 or 4—2 or 4 hours
	Animal Husbandry Live Stock Markets and Marketing	(155)	3 hours
	Animal Husbandry Breeding Farm Animals	(157)	4 hours
	Animal Husbandry Research and Thesis	(163-164)	2 to 5—2 to 5 hours

DAIRYING

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Dairying Principles of Dairying	(101)	4 hours
	Dairying Farm Dairying	(102)	4 hours

THIRD YEAR:

Dairying .....(115) 2 hours
Dairy Buildings

Dairying .....(105) 4 hours
Buttermaking

Dairying .....(111) 1 hour
Dairy Mechanics

Dairying .....(107) 3 hours
Cheesemaking

Bacteriology .....(107) 4 hours
General Bacteriology

Bacteriology .....(110) 4 hours
Dairy Bacteriology

FOURTH YEAR:

Dairying .....(113-114) 2—2 hours
Advanced Dairying

Dairying .....(103) 4 hours
City Milk Supply

Dairying .....(110) 2 hours
Ice Cream Making

Dairying .....(119-120) 1—1 hour
Proseminary

Dairying .....(116) 2 hours
Milk Condensing

FARM CROPS

FIRST YEAR:

Botany 101-102 instead of Zoology 101-102
Otherwise, uniform first year

SECOND YEAR:

Farm Crops .....(109) 4 hours
Cereal Crops

Farm Crops .....(111) 4 hours
Forage Crops

Zoology .....(115) 3 hours
General Principles of Heredity

THIRD YEAR:

Farm Crops .....(113) 3 hours
Plant Breeding

Farm Crops .....(123) 2 hours
Crop Ecology

Farm Crops .....(112) 2 hours
Special Crops

Botany .....(125-126) 4—4 hours
Plant Physiology

FOURTH YEAR:

Botany .....(116) 3 hours
Plant Pathology

Farm Crops .....(119-120) 2—2 hours
Minor Investigations

FLORICULTURE

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Horticulture Principles of Horticulture	(101)	4 hours
	Horticulture Greenhouse Construction and Management	(132)	4 hours
THIRD YEAR:	Horticulture Commercial Floriculture	(141-142)	4—4 hours
	Horticulture Garden Flowers	(145-146)	3—3 hours
	Horticulture Landscape Architecture	(156)	2 hours
FOURTH YEAR:	Horticulture The Flower Shop	(143)	3 hours
	Horticulture Plant Variations	(107)	3 hours
	Horticulture Systematic Floriculture	(147-148)	3—3 hours
	Horticulture Conservatory and Bedding Plants	(144)	3 hours

POMOLOGY AND VEGETABLE GARDENING

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Horticulture Principles of Horticulture	(101)	4 hours
	Horticulture Small Fruits and Grapes	(120)	4 hours
THIRD YEAR:	Horticulture Commercial Vegetable Gardening	(103-104)	4—4 hours
	Horticulture Pomology	(105-106)	4—4 hours
FOURTH YEAR:	Horticulture Experimental Horticulture	(109-110)	3—3 hours
	Horticulture Horticultural Products	(133)	3 hours
	Horticulture Greenhouse Construction and Management	(132)	4 hours
	Horticulture Systematic Pomology	(121-122)	4—4 hours
	Horticulture Systematic Vegetable Gardening	(131)	4 hours
	Horticulture Amateur Floriculture	(140)	3 hours

PLANT PATHOLOGY

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Botany Plant Morphology	(123)	4 hours
	Botany Plant Pathology	(116)	3 hours
THIRD YEAR:	Botany Plant Pathology	(127-128)	4—4 hours
	Botany Plant Physiology	(125-126)	4—4 hours
	Bacteriology	(107)	4 hours
FOURTH YEAR:	Botany Advanced Plant Pathology	(139-140)	3—3 hours
	Botany Plant Micro-Chemistry	(151-152)	3—3 hours
	Entomology	(107-108)	3—3 hours

POULTRY HUSBANDRY

THIRD YEAR:	Poultry Husbandry	(117-118)	3—3 hours
	Poultry Husbandry Poultry Feeding	(120)	1 hour
	Poultry Husbandry Incubator Practice	(122)	1 hour
FOURTH YEAR:	Poultry Husbandry Poultry Management	(119)	2 hours
	Poultry Husbandry Poultry Judging	(124)	2 hours

RURAL ECONOMICS

FIRST YEAR:	Uniform first year		
SECOND YEAR:	Economics Principles of Economics	(101-102)	3—3 hours
	Rural Economics Farm Accounting	(101)	2 hours
THIRD YEAR:	Rural Economics Agricultural Economics	(104)	3 hours
	Rural Economics Rural Community Life	(110)	3 hours
	Rural Economics The Distribution of Farm Products	(113)	3 hours

FOURTH YEAR:	Rural Economics Farm Management	(103)	4 hours
	Rural Economics Cooperation in Agriculture	(116)	2 hours
	Rural Economics Advanced Farm Accounting	(102)	2 hours
	Rural Economics Rural Community Development	(118)	2 hours
	Rural Economics Advanced Farm Management	(111)	1 hour

COMBINATION CURRICULA

The term Combination Curriculum, as applied to a course of study in this College, refers to the combination Arts-Agriculture curriculum between the Colleges of Arts and Agriculture. Combination curricula are offered in Arts-Agriculture, Arts-Horticulture, and Arts-Home Economics. These courses have been established for students who desire more Arts College work than can be given in a technical course and more technical work than can be given in an Arts College course. Similar courses have been adopted with other institutions.

These curricula, continuing five years, are cooperative between the University and other colleges of the State, and become effective when arrangements satisfactory to both schools can be made. Under the agreement the first three years are spent in the cooperating college and the last two years are spent in the College of Agriculture of the Ohio State University. At the end of the fourth year the student returns to the former college, receives credit for the work of that year done in absentia and is given the baccalaureate degree by that college. At the end of the fifth year he receives the degree of Bachelor of Science from this University.

Combination curricula have been arranged with the following colleges of the State: University of Akron, Akron; Capital University, Columbus; Antioch College, Yellow Springs; Baldwin-Wallace College, Berea; Ashland College, Ashland; Bluffton College, Bluffton; Cedarville College, Cedarville; Defiance College, Defiance; Muskingum College, New Concord; and Wilmington College, Wilmington. It is the desire of the Ohio State University that the operation of the plan be extended to a large number of Ohio colleges.

ARTS-AGRICULTURE

Leading to the degree of Bachelor of Arts at the end of four years and Bachelor of Science at the end of five years.

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
English	(101)	2	English	(104)	2
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
Modern Language		4	Modern Language		4
Zoology	(101)	3	Zoology	(102)	3
or			or		
Botany	(101)	3	Botany	(102)	3
American, European, or Industrial History		3	American, European, or Industrial History		3
Military Science		1	Military Science		1
Physical Education	(100)	1	Physical Education		1
Hygiene					
Physical Education		1			

SECOND YEAR

English	(141 or 145)	3	English	(133)	3
Mathematics		3	Mathematics		3
Botany	(101)	3	Botany	(102)	3
or			or		
Zoology	(101)	3	Zoology	(102)	3
Engineering Drawing	(125)	2	Art		2
Modern Language		4	Modern Language		4
Military Science		1	Military Science		1

THIRD YEAR

Economics	(101)	3	Economics	(102)	3
Physics	(103)	4	Physics	(104)	4
Geology		3	Geology		3

Electives 6 or 7 hours the year on approval of adviser.

FOURTH YEAR

Animal Husbandry		4
Agricultural Chemistry		4
Rural Economics		3
Farm Crops or Soils	4 or	5

Choice of any two of these the fourth year. Remaining two the fifth year.

In addition to the two selected at least ten hours to be elected with approval of the adviser.

FIFTH YEAR

Two subjects of the four required in the fourth year .....8 hours

Ten hours a week throughout the year, from any of the courses related to the previous year's work in the College of Agriculture.

ARTS-HORTICULTURE

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
English	(101)	2	English	(104)	2
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
Modern Language		4	Modern Language		4
Botany	(101)	3	Botany	(102)	3
or			or		
Zoology	(101)	3	Zoology	(102)	3
American, European, or Industrial History		3	American, European, or Industrial History		3
Military Science		1	Military Science		1
Physical Education	(100)	1	Physical Education		1
Hygiene					
Physical Education		1			

SECOND YEAR

English	(141 or 145)	3	English	(133)	3
Mathematics		3	Mathematics		3
Botany	(101)	3	Botany	(102)	3
or			or		
Zoology	(101)	3	Zoology	(102)	3
Engineering Drawing	(125)	2	Art	(131)	2
Modern Language		4	Modern Language		4
Military Science		1	Military Science		1

THIRD YEAR

Economics	(101)	3	Economics	(102)	3
Physics	(103 or 105)	4	Physics	(104 or 106)	4
Geology	(103)	3	Geology	(104)	3
Entomology	(107)	3	Entomology	(108)	3
or			or		
Botany	(125)	4	Botany	(126)	4

Elective 3 or 4 hours the year on approval of adviser of the College of Arts, Philosophy, and Science.

FOURTH YEAR

Two courses in Horticulture (4 hours each, throughout the year).

Agricultural Chemistry (5 hours throughout the year).

In addition to these, six hours elective throughout the year, with the approval of the Department of Horticulture.

FIFTH YEAR

Eighteen hours throughout the year, which must include such of the following subjects not previously taken, and with the approval of the Department of Horticulture:

Horticulture Pomology	(105 and 106)	4
Botany	(125 and 126)	4
Entomology	(107 and 108)	3
Rural Economics	(103 and 104)	3 or 4

NOTE—The first three years of the Arts-Horticulture course shall be identical with the first three years of the Arts-Agriculture course, except that in the third year a choice of either Entomology 107-108 or Botany 125-126 are added to the requirement and the electives reduced from six or seven hours throughout the year to three or four hours throughout the year.

ARTS-HOME ECONOMICS

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
English	(101)	2	English	(104)	2
French or German		4	French or German		4
American History	(101)	3	American History	(102)	3
or			or		
European History	(101)	3	European History	(102)	3
Zoology	(101)	3	Zoology	(102)	3
or			or		
Botany	(101)	3	Botany	(102)	3
Physical Education Hygiene	(100)	1	Physical Education	(132)	1
Physical Education	(131)	1			

SECOND YEAR

Chemistry	(127)	4	Agricultural Chemistry	(123)	4
Physiology	(101)	3	Physiology	(102)	3
French or German		4	French or German		4
Home Economics Textiles	(111)	2	Home Economics Textiles	(112)	2
Engineering Drawing	(127)	1½	Engineering Drawing	(128)	1½
Art	(119)	1	Physical Education	(134)	1
Physical Education	(133)	1			

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Economics	(101)	3	Economics	(102)	3
Home Economics Foods	(101)	5	Home Economics Foods	(102)	5
Bacteriology	(107)	4	Home Economics Sanitation	(104)	3
English	(141 or 145)	3	English	(133)	3
Art	(131)	2	Art	(141)	2

FOURTH YEAR

Agricultural Chemistry	(124)	4	Home Economics Dietetics	(110)	4
Psychology	(101)	3	Psychology	(102)	3
Sociology	(101)	3	Sociology	(102)	3
Home Economics The House	(118)	3	Home Economics Household Management	(119)	4
Elective		3	Elective		3

FIFTH YEAR

History of Education	(101)	3	History of Education	(102)	3
Home Economics Proseminary	(105)	2	Elective		12
Elective		9			

SUGGESTED ELECTIVES

Home Economics 113 (3), 116 (3), 121 (3).
Economics 120 (3).
Sociology 107 (3).
Agricultural Chemistry 121 (3-5)—122 (3-5), 125 (4)—126 (4).
Chemistry 151-152 (2-2), 153-154 (2 or 3—2 or 3).
Philosophy 115 (2)—116 (2).
Greek 115 (2)—116 (2).
Physiology 106 (4).

SCIENCE NURSING CURRICULUM

(See Page 239)

WINTER COURSES

AGRICULTURE

The eight-weeks Winter Course in Agriculture, beginning the first Monday in January, has been established to meet the demands of those Ohio farmers who are unable to avail themselves of the other courses in agriculture offered by the University. There is a large number of young men located on the farms of our State, who are so situated that it is impossible for them to be absent from their homes during the nine months of the college year but yet desire some training in the principles of agriculture. On other farms are found mature men who are past the usual school age but are ambitious to become familiar with the most recent agricultural thought and practices.

This course offers to such men an opportunity to become familiar with the results of the latest investigations in research and their practical application to work on the farm.

DAIRYING

The work in Dairying is divided into two courses of four weeks each. The first course "Farm Dairying and Advanced Registry" beginning January 2nd, 1922 and ending January 27th, 1922, will be given to meet the demand of those who wish to receive training in the formation of a dairy herd, the care, feeding, and breeding of the herd, the production of milk, and the preparation of cows for the Advanced Registry. The course is also a preparation for the State Civil Service examination given for the supervisors of the Advanced Registry.

The second course "Dairy Manufactures" begins January 30th, 1922 and ends February 24th, 1922. This course has been established to meet the demand for a practical course of training in marketing milk and its products, the manufacture of butter, cheese, and ice cream. This course is intended for those who are unable to avail themselves of the advantages offered by the longer courses given in this department and is given at a time of the year when the butter-makers, cheese-makers, ice cream-makers, and milkmen can best leave their work.

Those interested in both courses may take the entire eight-weeks course, without duplication.

POULTRY HUSBANDRY

An eight-weeks course in Poultry Husbandry, covering the most important features of poultry breeding and feeding, is offered during the same period as the course in Agriculture.

EXTENSION COURSES IN AGRICULTURE

Extension Courses in Agriculture are given during the winter months in the various counties of the State. These courses are one week in length and are designed to give practical instruction in the local agricultural and domestic problems.

The Agricultural Extension School is secured upon the application of twenty-five persons. Only one can be granted annually for a county. The following courses are offered for a School:

ANIMAL HUSBANDRY SCHOOL: Soil Fertility, Farm Crops, and Animal Husbandry.

DAIRY SCHOOL: Soil Fertility, Farm Crops, and Dairying.

HORTICULTURAL SCHOOL: Soil Fertility, Farm Crops, and Horticulture.

Only three courses are given in a School.

HOMEMAKERS' COURSE: Cooking, Baking, Canning, Home Decorations, and Home Economics.

Only such farm or household practices are given as are incident to the study of principles.

In addition to conducting schools, demonstrations in the mixing of fertilizers and in the application of spray mixtures are made agricultural and educational exhibits at fairs and expositions are supplied, instruction on agricultural trains is furnished, and special bulletins designed to awaken interest in agricultural education are published.

For a bulletin of information concerning the Agricultural Extension Schools and for all information in regard to Extension Work, address the Director of Agricultural Extension, The Ohio State University, Columbus, Ohio.

COLLEGE OF ARTS, PHILOSOPHY, AND SCIENCE

REQUIREMENTS FOR GRADUATION
THE GROUP ELECTIVE SYSTEM

The work of the College of Arts, Philosophy, and Science is organized on the group elective system. A part of every student's curriculum is prescribed by the regulations given below. Each student is required to lay sufficiently broad foundations in English, other languages, the sciences, history, or economics, and in mathematics, philosophy, or psychology. The remainder of the student's work is elective.

When he has satisfactorily completed 120 semester hours, and in addition, the military science, hygiene, and physical education required during the first two years, and secured 120 credit points, according to the qualitative marking system, the student will be recommended for the degree of Bachelor of Arts (or Science) under the regulations prescribed below.

Application for admission to candidacy for the degree must be filed with the College Secretary in the first month of the student's last year of residence.

The departments in which credit may be obtained are arranged in the following four groups:

(A) LANGUAGES AND LITERATURES

English, German, Greek Language and Literature, Latin Language and Literature, Romance Languages and Literatures.

(B) NATURAL SCIENCES

Anatomy, Astronomy, Bacteriology, Botany, Chemistry, Geology, Mineralogy, Physics, Physiology, Zoology and Entomology.

(C) SOCIAL SCIENCES

American History, Economics and Sociology, European History, Political Science.

(D) MATHEMATICS—PHILOSOPHY

Mathematics, Philosophy, Psychology.

COURSES OPEN TO FRESHMEN

The following are the only courses open to Freshmen:

English 101-104, 2 credit hours; English 133, 141, 142, 145, or 146, 3 credit hours.

French 101-102, 4 credit hours; French 103-104 (for students who enter with two units in French), 4 credit hours; French 107-110 (for students who enter with four units in French), 2, 3, or 5 credit hours.

German 101-102, 4 credit hours; German 103-104 (for students who enter with two units in German), 4 credit hours; German 107-108 (for students who enter with four units in German), 4 credit hours.

Greek 101-102, 4 credit hours; Greek 125-126 (for students who enter with two units in Greek), 4 credit hours.

Latin 101-102 (for students who enter with three or four units in Latin), 4 credit hours; Latin 147-148 (for students who enter with no Latin), 4 credit hours; Latin 149-150 (for students who enter with two units in Latin), 4 credit hours.

Spanish 101-102, 4 credit hours; Spanish 103-104 (for students who enter with two units in Spanish), 4 credit hours.

Botany 101-102, 3 credit hours.

Zoology 101-102, 3 credit hours.

Astronomy 101-102, 3 credit hours.

Chemistry 105-106, 4 credit hours; Chemistry 109-110 (for students who enter with one unit in chemistry), 4 credit hours.

Geology 101-102, 4 credit hours.

Physics 103-104, 4 credit hours; Physics 105-106 (for students who enter with one unit in physics), 4 credit hours.

American History 101-102, 3 credit hours.

European History 101-102, 3 credit hours.

Economics 132-133, 3 credit hours.

Mathematics 121-122, 3 credit hours; Mathematics 131-132, 5 credit hours.

Psychology 101-102 or 103-104, 3 credit hours.

Art 119, 131, 132, 141.

Military Science; Physical Education.

REGULATIONS

1. **Military Science** is required of all men during the first and second years, with a credit of one hour for each semester.

Physical Education is prescribed for all men during the first year, with a credit of one hour for each semester; and for all women during the first and second years, with a credit of one hour for each semester.

Hygiene, with a credit of one hour, is required of all students during their first year.

2. Group requirements:

(A) Languages and Literatures:

(1) English composition, four hours, must be taken by all students. English literature, three hours, must also be taken by those students who have not credit for three entrance units in English.

(2) In high school and college together the student must secure credit in at least two languages other than English. For those who enter with six units in languages other than English, the college requirement is eight hours; for those with five units, twelve hours; four units, sixteen hours; three units, twenty hours; two units, twenty-four hours; one unit, twenty-eight hours; no units, thirty-two hours.
The student may not offer less than a year's work in any foreign language.

(B) Natural Science:

(1) Every student is required to secure credit for at least six semester hours in one biological science (botany, anatomy, physiology, zoology, or bacteriology); but students who enter with one unit in biological science are excused from this requirement.

(2) Every student is required to secure credit for at least six semester hours in non-biological science (astronomy, chemistry, geology, mineralogy, or physics); students who enter with neither chemistry nor physics must take a one-year course in chemistry or physics; and students who enter with one unit in chemistry and one unit in physics are excused from the non-biological science requirement.

The science requirement may be postponed one year by students electing Art as a major study or making the classical languages the center of their education.

(C) Social Sciences:
Every student is required to secure credit for at least twelve semester hours in the Social Science group, of which at least six semester hours shall be in European or American history or in economic geography; but for students who offer one or more units of history for entrance, the requirement is six semester hours in one of the social sciences.

(D) Mathematics, Philosophy, Psychology:
Every student must secure credit either in high school or in college for algebra through quadratics, and for plane geometry. He must in addition secure credit in college for six semester hours in mathematics, or philosophy, or psychology.

3. **Maxima and Minima:** At least 36 hours of the hours required for the degree must be in some one of the groups mentioned above, and at least 18 in some other one of the groups mentioned above. In no one of the groups may more than 60 hours be credited for the degree, exclusive of the requirements noted above.

4. **Advanced Courses:** At least 36 hours of the hours required for the degree must be in courses not open to Freshmen. (Courses open to Freshmen if elected by Seniors, give credit diminished by one hour.)

5. **Amount of Work:** Each year's work must consist of 15 or 16 hours' work each semester. On petition to the Executive Committee a student who shows exceptional proficiency may take from one to three extra hours, but in no case will more than 18 hours be permitted. No extra hours will be granted to the first year student or to a student having conditions outstanding.

6. **Work in Other Colleges:** Any student, after completing sixty hours of work in the College of Arts, Philosophy, and Science, may, upon petition, elect not to exceed five hours a semester during the remaining two years from work offered in any other college, except the Colleges of Law, Medicine, Homoeopathic Medicine, and Dentistry.

7. **Reserve Officers' Training Corps:** For students who complete the curriculum of the Reserve Officers' Training Corps, as defined in General Orders No. 49 (or amendments thereto) of the War Department, the total number of hours required for the degree of Bachelor of Arts is 112 (instead of 120) semester hours, and in addition the required work in military science and physical education. Of this total, the maximum that may be taken in other colleges, as authorized in the preceding paragraph, is 12 hours.

RESIDENCE REQUIREMENT

No undergraduate will be admitted to candidacy for a degree at any Commencement who has not done the last year of work required for the degree in residence in this College. No student will be registered in such candidacy later than the first day of October.

RULES GOVERNING ELECTIONS

Each student enrolled in the College of Arts, Philosophy, and Science is requested to file at the Registrar's Office by June 1st of each year a complete statement of the courses he wishes to enter the following year. Blanks for this purpose may be obtained of the Registrar.

The following rules have been adopted by the Faculty and Board of Trustees governing the filing of election cards and changes in these cards:

Students in the College of Arts, Philosophy, and Science who were in residence the previous year must file their election cards before September 1st. Election cards will be accepted from such students after September 1st only upon the payment of $1.00.

Changes, at the request of the student, will not be made in these cards after September 1st except on the payment of $1.00 for each change.

These fees may be remitted, in exceptional cases, by the Executive Committee of the College.

GENERAL CURRICULUM

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
English	(101)	2	English	(104)	2
Group (a)		4	Group (a)		4
†*Group (b)	3 or	4	†*Group (b)	3 or	4
Group (c)		3	Group (c)		3
†Group (d)		3	†Group (d)		3
Military Science		1	Military Science		1
Physical Education Hygiene	(100)	1	Physical Education		1
Physical Education		1			

*The science requirement may be postponed by those electing Art as a major study or making the classical languages the center of their education.

†This course may be postponed until the second year in favor of another study in A, B, or C.

SECOND YEAR

FIRST SEMESTER		SECOND SEMESTER	
‡Group (a)	4	‡Group (a)	4
§Group (b)	3 or 4	§Group (b)	3 or 4
§Group (d)	3	§Group (d)	3
Major Work	4 to 6	Major Work	4 to 6
Military Science	1	Military Science	1
Physical Education (women)	1	Physical Education (women)	1

THIRD YEAR

Major Group	5	Major Group	5
Minor Group	2 or 3	Minor Group	2 or 3
Elective	7	Elective	7

FOURTH YEAR

Major Group	5	Major Group	5
Minor Group	2 or 3	Minor Group	2 or 3
Elective	7	Elective	7

‡The same language continued.
§If not fulfilled in the first year.

SUGGESTED CURRICULUM IN CHEMISTRY

The curriculum given below is suggested as a suitable one for all students majoring in Chemistry who wish to qualify for positions that in general require a thorough acquaintance with the fundamental principles of the science, such as positions in research laboratories, government laboratories, water purification and sewage disposal plants, hygienic laboratories, food testing laboratories, and other laboratories of a similar character. Students desiring to deviate from this program should consult the department. The curriculum fulfills the requirements for the degree of Bachelor of Arts.

FIRST YEAR

Chemistry	(105 or 109)	4	Chemistry	(106 or 110) 4
Mathematics	(121)	3	Mathematics	(122) 3
German or French		4	German or French	4
English		2	English	2
Social Science		3	Social Science	3
Military Science		1	Military Science	1
Physical Education Hygiene	(100)	1	Physical Education	1
Physical Education		1		

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(113)	2	Chemistry	(114)	2
Chemistry	(119)	4	Chemistry	(120)	4
Mathematics	(127)	3	Mathematics	(128)	3
Physics	(103 or 105)	4	Physics	(104 or 106)	4
German or French		4	German or French		4
Military Science		1	Military Science		1

THIRD YEAR

Chemistry	(151)	2	Chemistry	(152)	2
Chemistry	(153)	2	Chemistry	(154)	2
Chemistry	(157)	3	Chemistry	(158)	3
Physics	(121)	3	Physics	(122)	3
Elective*		5–7	Elective*		5–7

FOURTH YEAR

Chemistry	(171)	1	Chemistry	(173)	1
Chemistry	(177)	2	Chemistry	(178)	2
Chemistry	(156)	2	Chemistry	(168)	3
Chemistry	(161)	3	Elective**		12
Elective**		10			

NOTES:

*This elective work must be chosen from departments other than Chemistry and Physics.

**Six hours of this elective work must be chosen from departments other than Chemistry and Physics. The remaining hours may be chosen from any one of the groups given below. While in general it is advisable for a student to elect a group as a whole, nevertheless, selections from different groups are allowed, subject to the approval of the student's adviser.

GROUP A

Electrochemistry		2	Chemistry	(187)	3
Chemistry	(192)	2	Chemistry	(196)	2

GROUP B

Chemistry	(165)	2	Chemistry	(176)	3–5
Chemistry	(169)	3–5	Chemistry	(167)	3–5

GROUP C

Chemistry	(203)	2	Chemistry	(204)	2
			Chemistry	(155)	2

GROUP D

Geology	(103)	3	Geology	(104)	3
Mineralogy	(102)	3	*Metallography	(123)	3

*Prerequisite: Physical Chemistry 157, 158.

SUGGESTED CURRICULUM IN PHYSICS

This curriculum is strongly recommended by the Department of Physics to three classes of students: (1) those preparing for scientific research either in universities, or in the research laboratories of great manufacturing corporations, (2) those planning to take Engineering, (3) those preparing for the position of graduate assistant. Students desiring to deviate from this program should consult the department. The curriculum fulfills the requirements for the degree of Bachelor of Arts.

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Physics	(103 or 105)	4	Physics	(104 or 106)	4
Mathematics	(131)	5	Mathematics	(132)	5
English	(101)	2	English	(104)	2
French	(101 or 103)	4	French	(102 or 104)	4
or			or		
German	(101 or 103)	4	German	(102 or 104)	4
Military Science		1	Military Science		1
Physical Education Hygiene	(100)	1	Physical Education	(102)	1
Physical Education	(101)	1			

SECOND YEAR

Physics	(131)	3	Physics	(132)	3
Physics	(121 or 123)	2	Physics	(122 or 124)	2
Mathematics	(141)	5	Mathematics	(142)	5
French	(103 or 109)	4	French	(104 or 110)	4
or			or		
German	(103 or 107)	4	German	(104 or 108)	4
American or European History	(101)	3	American or European History	(102)	3
Military Science		1	Military Science		1

THIRD YEAR

Physics	(147 or 143)	3	Physics	(148 or 144)	3
Mathematics	(167)	3	Mathematics	(168)	3
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
or			or		
Botany or Zoology or Physiology	(101)	3	Botany or Zoology or Physiology	(102)	3
Note—Physiology 101 may be taken only by students who have had Elementary Chemistry.			Physics (laboratory only)	(130)	3
Engineering Drawing	(101)	2	Elective	4 or	5
Elective*		5			

*NOTE—Mechanics 101-102 is recommended during the third or fourth year.

FOURTH YEAR

First Semester			Second Semester		
Physics	(143 or 147)	3	Physics	(144 or 148)	3
Physics (laboratory only)	(135)	3	Economics	(102)	3
Economics	(101)	3	Chemistry	(114)	2
Chemistry	(113)	2	or		
or			Elective		3
Elective		3	Electrical Engineering	(103)	3
Elective	6 or	5	Elective	6 or	5

COMBINATION CURRICULA

ARTS-LAW

Students desiring the degree of Bachelor of Arts in the College of Arts, Philosophy, and Science and the degree of Bachelor of Laws in the College of Law, may, by complying with the regulations below, obtain the two degrees in six years.

On satisfactory completion of the three years' work, comprising ninety-three semester hours, in the College of Arts, Philosophy, and Science and the first year in the College of Law of this University, under the usual regulations governing work in each of the two colleges (except as indicated below) the student will be recommended for the degree of Bachelor of Arts.

All regulations applying to students in the College of Arts, Philosophy, and Science apply in the combined Arts-Law curriculum, except as modified by the following statements:

1. No student is eligible for the combined Arts-Law curriculum who has not been a student in the College of Arts, Philosophy, and Science of this University at least one full year. Students entering the College of Arts, Philosophy, and Science with advanced standing will be held to the requirements as strictly as other students.

2. At least thirty-three of the ninety-three semester hours of Arts College subjects required for the degree in Arts must be in one group (preferably the Social Science group) and eighteen in some other one group. In no one of the groups may more than forty hours be credited for the degree, exclusive of the requirements made in regulations 2, 3, 4, and 5.

3. At least thirty-three of the ninety-three semester hours of Arts College subjects required for the degree must be in courses not open to Freshmen.

4. In order to have the first year of Law counted towards the Arts degree, the student must have maintained a uniform record of good scholarship in the College of Arts, Philosophy, and Science, and have completed the entire requisite ninety-three semester hours of work in that college before the work in the College of Law is entered upon. He must also maintain good scholarship in the College of Law. The question of the applicant's eligibility to the combined course will be determined by the Executive Committee of the Arts College.

The work of all students taking studies in the two colleges at the same time is under the jurisdiction of a joint committee, consisting of the Dean and Secretary of the College of Arts, Philosophy, and Science and the Dean and Secretary of the College of Law.

ARTS-BUSINESS ADMINISTRATION

TWO DEGREES

Men students who have satisfactorily completed one hundred and fifty-four semester hours, and in addition the military science and physical education, required during the first two years, and who have met all the requirements of the College of Arts, Philosophy, and Science for the degree of Bachelor of Arts, and who have met all the requirements of the College of Commerce and Journalism for the degree of Bachelor of Science, will be granted both degrees. Applicants for both degrees must register in both colleges.

ARTS-EDUCATION

TWO DEGREES

Students who have satisfactorily completed one hundred and forty semester hours, and in addition the military science and physical education required during the first two years, and who have met all the requirements of the College of Arts, Philosophy, and Science for the degree, Bachelor of Arts, and who have met all the requirements of the General Curriculum in the College of Education for the degree, Bachelor of Science in Education, will be granted both degrees. Applicants for both degrees must register in both colleges and have their elections approved by the Dean or Secretary of each college.*

*The registration in both colleges should be made at the beginning of the third year.

ARTS-ENGINEERING

The entrance requirements for the combined curriculum are the same as for the College of Arts, Philosophy, and Science, except that one unit of physics is required.

A candidate for the degree of Bachelor of Arts, while registered in the College of Arts, Philosophy, and Science may also register in the College of Engineering, provided that at the time of seeking such registration in the College of Engineering he has ninety semester hours to his credit in the College of Arts, Philosophy, and Science, and the required credit in military science and physical education, and including the following subjects:

Mathematics 131, 132, 141, 142, 20 hours; Chemistry 105 and 106, or 109 and 110, 8 hours; modern language (French, German, or Spanish) 16 hours; English 101 and 104, 4 hours; social science, 6 hours; biological science, 6 hours; Physics 113 and 114, 10 hours; Engineering Drawing 101 and 102, 5 hours; Arts electives, 15 hours; total 90 hours.

Eighty semester hours of the above work shall be in those subjects mentioned in the four groups (see pages 200 and 201).

When the candidate has obtained 124 semester hours in the two colleges, and the required credit in military science and physical education, 100 semester hours of which shall be subjects accepted by the Arts College, the candidate shall receive the degree of Bachelor of Arts. This will ordinarily be at the end of one year's residence in the College of Engineering. At least six semester hours, other than mechanics, of the above mentioned 100 hours, must have been earned during the first year of residence in the College of Engineering. At the end of two more years, by doing the regular amount of work, the candidate will have completed the requirements for any one of the engineering degrees, and will be recommended for the appropriate degree.

ARTS-AGRICULTURE, ARTS-HORTICULTURE, AND ARTS-HOME ECONOMICS

The Colleges of Arts, Philosophy, and Science and Agriculture have cooperated in organizing curricula in Agriculture, Horticulture, and Home Economics that will combine the work of these two colleges. The curricula are five years in length and lead to a degree from each college. Students taking these combined curricula will be registered in the College of Arts, Philosophy, and Science for the first three years and in the College of Agriculture for the last two. Upon the comple-

tion of the fourth year, students will be given the degree of Bachelor of Arts, and upon the completion of the fifth year, a degree from the College of Agriculture.

These curricula have been established for students who desire more Arts college work than can be given in a technical course and more technical work than can be given in an Arts college. For the details of these curricula see the curricula of the College of Agriculture.

ARTS-MEDICINE AND ARTS-HOMOEOPATHIC MEDICINE

SEVEN YEARS

This course includes the first three years of the curriculum of the College of Arts, Philosophy, and Science and the four years' curriculum of the College of Medicine. On the conditions prescribed below, the degree of Bachelor of Arts is conferred at the end of the first year of the course in Medicine and the degree of Doctor of Medicine at the end of the fourth year of the course in Medicine.

Admission to the College of Arts, Philosophy, and Science. Required: English, 3 units; language other than English, 4 units; history, 1 unit; physics or chemistry, 1 unit; mathematics, 2 units; elective, 4 units. Total 15 units.

Residence in the College of Arts, Philosophy, and Science. The privilege of entering the Arts-Medicine Course is open only to those who spend at least one of the three undergraduate years in residence in the College of Arts, Philosophy, and Science of the Ohio State University.

Standing. The privilege of counting the first year of Medicine as the fourth year in Arts is open only to those students who during the three years in Arts, Philosophy, and Science maintain a standing of at least "A" (average).

Group Requirements. During the three years in Arts, the student must fulfill the group requirements for the degree of Bachelor of Arts as described in the Bulletin of the College of Arts, Philosophy, and Science and further must include in his Arts course the following:

(a) Physics: 8 semester hours.

(b) Chemistry: 13 semester hours (5 hours of which shall be organic chemistry).

(c) Biology: 12 semester hours—comprising general zoology, 3 semester hours (Zoology 101); comparative anatomy of vertebrates, 3 semester hours (Anatomy 118); and Physiology 101-102 or Physiology 132 and 118, 6 semester hours.

(d) Psychology 101-102, 6 semester hours.

(e) English: 6 semester hours.

Electives. No part of the course in Medicine may be counted as elective in the College of Arts, Philosophy, and Science during the three undergraduate years.

Degrees. When the student has completed at least 90 hours as above, and the military science and physical education, required during the first two years, he may enroll in the College of Medicine, and when he has gained credit for the first year's work in the College of Medicine he will be recommended by the Faculty of the College of Arts, Philosophy, and Science for the degree of Bachelor of Arts. When he has gained credit for the second, third, and fourth years' work in the College of Medicine he will be recommended by the Faculty of the College of Medicine for the degree of Doctor of Medicine.

SCIENCE-MEDICINE

SIX YEARS

This course includes the first two years of the curriculum of the College of Arts, Philosophy, and Science and the four years' curriculum of the College of Medicine. On the conditions prescribed below, the degree of Bachelor of Science is conferred at the end of the second year of the course in Medicine, and the degree of Doctor of Medicine at the end of the fourth year of the course in Medicine.

Admission. The same as for the Arts-Medicine Course.

Residence. The same as for the Arts-Medicine Course, substituting two years for three years.

Standing. The privilege of counting the first two years in Medicine as the last two years in the College of Arts, Philosophy, and Science is open only to those students in the Ohio State University who maintain a standing of at least "A" (average).

CURRICULUM—FIRST YEAR

	First Semester	Second Semester
Foreign Language (French or German preferred)	4	4
English	2	2
Chemistry (general and qualitative)	4	4
Social Science	3	3
Zoology 101	3	
Anatomy 118		3

SECOND YEAR

Foreign Language (French or German preferred)	4	4
†Psychology 101-102	3	3
Physics 103-104 or 105-106	4	4
Chemistry (organic)	5	
Physiology 132		3
English		2

Degrees: When the student has completed the course outlined above, and the military science and physical education, required during the first two years, he may enroll in the College of Medicine, and when he has gained credit for the first two years' work in the College of Medicine he will be recommended by the Faculty of the College of Arts, Philosophy, and Science for the degree of Bachelor of Science. When he has gained credit for the third and fourth years' work in the College of Medicine he will be recommended by the Faculty of the College of Medicine for the degree of Doctor of Medicine.

†Students who have not had their preparation at the Ohio State University may offer a substitution for Psychology.

COLLEGE OF COMMERCE AND JOURNALISM

REQUIREMENTS FOR GRADUATION

The degree of Bachelor of Science in the appropriate group, Business Administration, Journalism, Social Service, or Public Service, will be granted upon the satisfactory completion of the following requirements:

1. Two full years of work in any college of the Ohio State University or the equivalent amount of work in any college or university of approved standing. This work must include the following elementary and fundamental courses:

   (a) In the Business Administration group, comprising the curricula in Accounting, Banking and Finance, Foreign Commerce, Insurance, Manufactures, Marketing and Transportation:
   Economics 101-102, Principles of Economics
   ***Economics 139-140, Elements of Accounting
   Economics 132-133, for Foreign Commerce and Marketing

   (b) In the Curricula in Social Service:
   Sociology 101-102, Principles of Sociology
   **Economics 101-102, Principles of Economics
   Psychology 101-102, Elementary Psychology
   Political Science 101-102, Government in the United States

   (c) In the Curriculum in Public Service:
   Political Science 101-102, Government in the United States
   Economics 101-102, Principles of Economics
   **Sociology 101-102, Principles of Sociology
   American History 101-102, History of the United States
   *Mathematics 121-122, College Algebra and Trigonometry
   *Civil Engineering 101-101a, Land Surveying, Field Practice
   †Bibliography 105-106, Bibliography for the Social Sciences

*Students anticipating the election of technical branches of the Public Service should take Mathematics 121-122 and Civil Engineering 101-101a during the first two years.
**May be taken in the third year.
***May be taken in the third year in the Marketing or Foreign Commerce groups.
†All students should elect Bibliography 105 during some one semester of the first three years of the course.

(d) In the Curriculum in Journalism:
Journalism 101-102, News-collecting and News-writing
**Economics 101-102, Principles of Economics
American History 101-102, History of the United States
Political Science 101-102, Government in the United States

2. At least 64 credit hours of additional work, including the courses listed in some one of the outlined curricula.

CREDIT FOR WORK IN RESERVE OFFICERS' TRAINING CORPS

For students who complete the curriculum of the Reserve Officers' Training Corps (as defined in General Orders No. 49 or as may be amended in the future by the War Department), the total number of hours required for graduation in the College of Commerce and Journalism is 116 (instead of 124) semester hours, and the required work in military science and physical education. The required courses in the various groups must be taken. Credit given to students completing the curriculum of the Reserve Officers' Training Corps is to be counted as elective.

**May be taken in the third year.

CURRICULA

COMBINATION ARTS-BUSINESS ADMINISTRATION

TWO DEGREES

Students who have satisfactorily completed one hundred and fifty-four semester hours, and in addition the military science and physical education, required during the first two years, and who have met all the requirements of the College of Arts, Philosophy, and Science for the degree of Bachelor of Arts, and who have met all the requirements of the College of Commerce and Journalism for the degree of Bachelor of Science, will be granted both degrees. Applicants for both degrees must register in both colleges.

ACCOUNTANCY

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Economics Principles of Accounting	(191)	3	Economics Principles of Accounting	(192)	3
Economics Corporation Reports	(189)	2	Economics Cost Accounting	(172)	3
Mathematics Mathematics of Finance and Insurance	(129)	3	Mathematics Mathematics of Finance and Insurance	(130)	3
Economics Public Finance	(141)	2	Economics Corporation Economics	(163)	3
*Approved Electives		6 to 8	*Approved Electives		4 to 6

FOURTH YEAR

Economics Theory and Practice of Accounting	(193)	4	Economics Theory and Practice of Accounting	(194)	4
Economics Business Law	(149)	3	Economics Business Law	(150)	3
Economics Income Tax Accounting	(129)	2	Economics Municipal Finance and Accounts	(106)	2
Economics Auditing	(174)	3	Economics Bank Accounting and Auditing	(190)	2
*Approved Electives		4 to 6	*Approved Electives		5 to 7

*Electives must be approved by the Executive Committee.

BANKING AND FINANCE

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Economics Financial History of the United States	(147)	3	Economics Financial History of the United States	(148)	2
Economics Public Finance	(141)	2	Economics Problems of Taxation	(144)	2
Economics Principles of Accounting	(191)	3	Economics Corporation Economics	(163)	3
Economics Business Law	(149)	3	Economics Business Law	(150)	3
*Approved Electives		6 to 8	*Approved Electives		6 to 8

FOURTH YEAR

Economics Money and Credit	(153)	3	Economics Banking and Foreign Exchange	(154)	3
Economics Corporation Reports	(189)	2	Economics Bank Accounting and Auditing	(190)	2
Economics Stock Exchange and Speculation	(127)	2	Economics Investments	(128)	2
Economics Economic Statistics	(177)	3	Economics Business Statistics	(178)	3
*Approved Electives		6 to 8	Economics Marketing	(186)	3
			*Approved Electives		3 to 5

*Electives must be approved by the Executive Committee.

FOREIGN COMMERCE

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

Economics Geography and History of Commerce	(159)	3	Economics World Industries and Commerce	(123)	3
Economics Economic and Social Geography of Europe	(122)	3	Economics Banking and Foreign Exchange	(154)	3
Economics Marketing	(185)	3	Economics Geography and Commerce of the United States	(184)	3
*Approved Electives		7 to 9	Economics Marketing	(186)	3
			*Approved Electives		4 to 6

*Electives must be approved by the Executive Committee and two years of some one foreign language must be included in the four years' work.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Economics Exporting and Importing	(161)	3	Economics Exporting and Importing	(162)	3
Economics Business Law	(149)	3	Economics Business Law	(150)	3
Economics Principles of Salesmanship	(109)	3	Economics Principles of Advertising	(175)	3
Economics Geography and Resources of South America	(103)	2	*Approved Electives		7 to 9
*Approved Electives		5 to 7			

*Electives must be approved by the Executive Committee and two years of some one foreign language must be included in the four years' work.

INSURANCE

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

Economics Life Insurance	(157)	2	Economics Property Insurance	(158)	2
Economics Business Law	(149)	3	Economics Business Law	(150)	3
Economics Corporation Reports	(189)	2	Economics Corporation Economics	(163)	3
Mathematics Mathematics of Finance and Insurance	(129)	3	Mathematics Mathematics of Finance and Insurance	(130)	3
or			or		
Mathematics Actuarial Theory	(183)	2	Mathematics Actuarial Theory	(184)	2
*Approved Electives		6 to 8	*Approved Electives		5 to 7

FOURTH YEAR

Economics Economic Statistics	(177)	3	Economics Business Statistics	(178)	3
Economics Principles of Salesmanship	(109)	3	**Economics Insurance Agency Organization and Methods	(112)	2
Mathematics Advanced Actuarial Theory	(187)	3	Economics Investments	(128)	2
or			Mathematics Insurance Statistics	(190)	2
Mathematics Actuarial Theory	(183)	2	Mathematics Actuarial Theory	(184)	2
*Approved Electives		7 to 9	or		
			Law Agency		2
			*Approved Electives		5 to 7

*Electives must be approved by the Executive Committee.
**Not given in 1921-1922.

MANUFACTURES

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

FIRST SEMESTER

Economics .....(191) 3
Principles of Accounting
Economics .....(167) 3
Transportation Economics
Economics .....(163) 3
Corporation Economics
Engineering Drawing .....(145) 2
Industrial Drawing and Slide Rule
Economics .....(149) 3
Business Law
*Approved Electives .....2 to 4

SECOND SEMESTER

Economics .....(172) 3
Cost Accounting
Economics .....(183) 3
Industrial Combinations and Monopolies
Economics .....(188) 2
Railway Traffic Management
Public Health .....(122) 2
Industrial Hygiene
or
Industrial Psychology .....(127) 2
Economics .....(150) 3
Business Law
*Approved Electives .....3 to 5

FOURTH YEAR

Economics .....(107) 3
Factory Organization and Management
Economics .....(113) 3
Office Organization and Management
Economics .....(114) 2
Business Communication
Economics .....(177) 3
Economic Statistics
Economics .....(165) 3
Labor Legislation
*Approved Electives .....2 to 4

Economics .....(108) 3
Factory Organization and Management
Economics .....(186) 3
Marketing
Economics .....(123) 3
World Industries and Commerce
Economics .....(178) 3
Business Statistics
Economics .....(166) 3
Industrial Relations
*Approved Electives .....1 to 3

MARKETING

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

Economics .....(122) 3
Economic and Social Geography of Europe
Economics .....(149) 3
Business Law
Economics .....(153) 3
Money and Credit
Economics .....(163) 3
Corporation Economics
*Approved Electives .....4 to 6

Economics .....(184) 3
Geography and Commerce of the United States
Economics .....(150) 3
Business Law
Economics .....(154) 3
Banking and Foreign Exchange
Economics .....(167) 3
Transportation Economics
**Approved Electives .....4 to 6

---

*Electives must be approved by the Executive Committee.
**During some semester of the course Bibliography 105 must be taken.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Economics Marketing	(185)	3	Economics Marketing	(186)	3
Economics Principles of Salesmanship	(109)	3	Economics Wholesaling and Retailing	(110)	2
Economics Geography and History of Commerce	(159)	3	Economics Principles of Advertising	(175)	3
Economics Corporation Reports	(189)	2	***Approved Electives		8 to 10
Economics Business Communication	(114)	2			
**Approved Electives		3 to 5			

MUNICIPAL ADMINISTRATION

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

Political Science Municipal Government	(106)	3	Political Science Municipal Functions	(130)	3
Political Science Proseminary	(117)	2	Political Science Proseminary	(118)	2
Political Science Methods of Governmental Research	(151)	2	Political Science Methods of Governmental Research	(152)	2
Economics Elements of Accounting	(139)	3	Economics Elements of Accounting	(140)	3
Economics Public Utilities	(105)	2			

*SUGGESTED ELECTIVES

Civil Engineering Sanitary Engineering	(109)	3	Civil Engineering Roads and Pavements	(106)	3
Civil Engineering Masonry Construction	(115)	3	Civil Engineering Masonry Structures and Contracts	(116)	3
Public Health Public Health Administration	(101)	2	Bacteriology Water Examination, Sewage Disposal, Water Filtration	(114)	2 to 5

FOURTH YEAR

Political Science State Government	(131)	3	Political Science State Functions	(132)	3
Economics Public Finance	(141)	2	Economics Problems of Taxation	(144)	2
Sociology Municipal Sociology	(133)	3	Economics Municipal Accounts	(106)	2

*Electives must be approved by the Executive Committee.
**During some semester of the course Bibliography 105 must be taken.
***Psychology of Advertising should be taken as an elective.

*SUGGESTED ELECTIVES

First Semester			Second Semester		
Political Science Research in Political Science	(201)	2	Political Science Research in Political Science	(202)	2
Civil Engineering Municipal Engineering	(139)	3	Civil Engineering Water Supply	(117)	3
Electrical Engineering Electric Illumination	(117)	2	Civil Engineering Sanitary and Water Supply Design	(140)	2
Horticulture Civic Design	(173)	3	Horticulture Civic Design	(174)	3
Public Health Demography	(207)	2	Chemistry Water Analysis	(176)	3
Public Health Public Health Engineering	(211)	3	Public Health Public Health Engineering	(212)	3

SOCIAL SERVICE

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

Sociology The Handicapped, Defectives and Dependents	(109)	4
Sociology Social Statistics	(135)	3
Sociology The Immigrant	(104)	3
Sociology Poverty	(111)	3
*Approved Electives		3 to 5
Sociology Needy Families and Children	(112)	4
Sociology Social Statistics	(136)	3
Sociology American Race Problems	(134)	3
Sociology Social Progress	(126)	3
*Approved Electives		3 to 5

The fourth year's work is planned with reference to the needs of the students who expect to enter any one of the following fields: family and child welfare, penology, recreation and community work, Americanization, and industry.

FAMILY AND CHILD WELFARE

FOURTH YEAR

Sociology The Family	(107)	3
Public Health Public Health Problems	(121)	2
Sociology The Criminal	(131)	3
Sociology Organization for Social Welfare	(145)	3
Sociology Social Case Work	(149)	2
*Approved Electives		3 to 5
Economics The Household	(120)	3
Psychology The Defective Child	(122)	4
Sociology Penology	(132)	3
Sociology Social Case Work	(150)	2
*Approved Electives		3 to 5

*Electives must be approved by the Executive Committee.

PENOLOGY

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Sociology The Criminal	(131)	3	Sociology Penology	(132)	3
Psychology Criminal and Legal Psychology	(151)	2	Psychology Criminal and Legal Psychology	(152)	2
Psychology Abnormal Psychology	(121)	4	Psychology The Defective Child	(122)	4
Sociology Social Order and Social Control	(125)	3	Sociology Rural Sociology	(148)	3
Sociology Municipal Sociology	(133)	3	Sociology Social Case Work	(150)	2
Sociology Social Case Work	(149)	2	*Approved Electives		2 to 4

RECREATION COMMUNITY AND ORGANIZATION

FOURTH YEAR

Sociology Organization for Social Welfare	(145)	3	Sociology Community Organization	(130)	3
Public Health Public Health Problems	(122)	2	Sociology Community Surveys	(140)	2
Sociology Leisure and Recreation	(127)	3	Sociology Social Organization and Administration of Recreation Facilities	(128)	3
Sociology Municipal Sociology	(133)	3	Sociology Rural Social Institutions	(148)	3
*Approved Electives		5 to 7	Political Science Municipal Functions	(130)	3
			*Approved Electives		2 to 4

AMERICANIZATION

FOURTH YEAR

Sociology The Assimilation of the Immigrant	(137)	3	Sociology Community Surveys	(140)	2
Economics Labor Legislation	(165)	3	Economics Industrial Relations	(166)	3
Public Health Public Health Problems	(121)	2	Public Health Industrial Hygiene	(122)	2
Sociology Organization for Social Welfare	(145)	3	Sociology Community Organization	(130)	3
Bibliography Bibliography for the Social Sciences	(105)	2	Economics Socialism	(124)	2
*Approved Electives		3 to 5	*Approved Electives		4 to 6

*Electives must be approved by the Executive Committee.

INDUSTRY

FOURTH YEAR

FIRST SEMESTER

Economics .....(165) 3
Labor Legislation

Economics .....(107) 3
Factory Organization and Management

Economics .....(119) 3
Women in Industry

Psychology .....(127) 2
Industrial Psychology

Sociology .....(127) 3
Leisure and Recreation

Sociology .....(149) 2
Social Case Work

*Approved Electives .....

SECOND SEMESTER

Economics .....(166) 3
Industrial Relations

Economics .....(108) 3
Factory Organization and Management

Public Health .....(122) 2
Industrial Hygiene

Sociology .....(128) 3
Social Organization and Administration of Recreation Facilities

Sociology .....(150) 2
Social Case Work

*Approved Electives .....3 to 5

TRANSPORTATION

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

Economics .....(167) 3
Transportation Economics

Economics .....(149) 3
Business Law

Economics .....(163) 3
Corporation Economics

Economics .....(191) 3
Principles of Accounting

Economics .....(105) 2
Public Utilities

*Approved Electives .....2 to 4

Economics .....(188) 2
Railway Traffic Management

Economics .....(150) 3
Business Law

Economics .....(184) 3
Geography and Commerce of the United States

Economics .....(176) 3
Public Utility Accounts and Statistics

*Approved Electives .....5 to 7

FOURTH YEAR

Economics .....(187) 3
Railway Accounts and Statistics

Economics .....(185) 3
Marketing

Economics .....(165) 3
Labor Legislation

*Approved Electives .....7 to 9

Economics .....(168) 3
Railway Organization and Finance

Economics .....(186) 3
Marketing

Economics .....(166) 3
Industrial Relations

*Approved Electives .....7 to 9

---

*Electives must be approved by the Executive Committee.

JOURNALISM

FOR REQUIREMENTS OF THE FIRST AND SECOND YEARS SEE PAGE 212

THIRD YEAR

FIRST SEMESTER

Journalism Newspaper History and Comparative Journalism	(103)	3
Journalism Newspaper Practice	(105)	3
Journalism Newspaper Ethics and Principles	(113)	2
American History Recent History of the United States	(123)	3
Political Science State Government	(131)	2
*Approved Electives		3 to 5

SECOND SEMESTER

Journalism Newspaper Organization	(104)	3
Journalism Newspaper Practice	(106)	3
Journalism Newspaper Law	(119)	2
American History Recent History of the United States	(124)	3
Political Science State Functions	(132)	2
*Approved Electives		3 to 5

SUGGESTED ELECTIVES

European History Europe from 1815 to 1920	(123)	3
or		
European History Medieval History	(101)	3
English Nineteenth Century Prose	(145)	3
English Introduction to American Literature	(133)	3
English History of the English Language	(127)	2
Psychology Elementary Psychology	(101)	3
or		
Psychology Psychology of Advertising	(128)	2
Political Science Problems of International Politics	(113)	2
Bibliography	(105)	2
European History Europe from 1815 to 1920	(124)	3
or		
European History Modern History from 1500 A. D.	(102)	3
English Nineteenth Century Prose	(146)	3
English English Words	(128)	2
Psychology Elementary Psychology	(102)	3
Political Science Problems in International Politics	(114)	2
Bibliography	(105)	2

*Electives must be approved by the Executive Committee.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Journalism Newspaper Problems	(109)	2	Journalism Newspaper Problems	(110)	2
Journalism The Country Newspaper	(115)	2	Journalism The Country Newspaper	(116)	2
Journalism Editorial Writing and News Interpretation	(107)	3	Journalism Editorial Writing and News Interpretation	(108)	3
Sociology Social Order and Social Control	(125)	3	Sociology Social Progress	(126)	3
or			or		
Sociology Principles of Sociology	(101)	3	Sociology Principles of Sociology	(102)	3
Economics Financial History of the United States	(147)	2	Economics Financial History of the United States	(148)	2
*Approved Electives		4 to 6	*Approved Electives		4 to 6

SUGGESTED ELECTIVES

American History Early Political Parties in the United States	(109)	2	American History Political Parties in the United States, 1852-1920	(110)	2
European History Medieval History	(101)	3	European History Modern History from 1500 A. D.	(102)	3
English Shakespeare: Histories and Tragedies	(167)	3	English Shakespeare: Comedies and Romances	(168)	3
Philosophy Elementary Ethics	(105)	3	Philosophy Elementary Ethics	(106)	3
Philosophy History of Ancient and Medieval Philosophy	(107)	3	Philosophy History of Modern Philosophy	(108)	3
Economics Labor Legislation	(165)	3	Economics Principles of Advertising	(175)	3
			Economics Industrial Relations	(166)	3

*Electives must be approved by the Executive Committee.

COLLEGE OF DENTISTRY

CURRICULUM

Based on one year of pre-dental collegiate work.

First Year

First Semester			Second Semester		
Prosthesis Prosthetic Dentistry	(101)	4	Prosthesis Prosthetic Dentistry	(102)	4
Engineering Drawing Elementary Mechanical	(101)	2	Operative Dentistry Dental Anatomy	(145)	3
Anatomy Human Anatomy	(125)	4	Anatomy Human Anatomy	(126)	4
Chemistry Organic Chemistry	(150)	5	Anatomy Applied Anatomy	(131)	2
			Prosthesis Dental Metallurgy	(132)	2

Second Year

Anatomy Histology	(139)	3	Operative Dentistry Operative Technic	(110)	2
Operative Dentistry Operative Technic	(109)	3	Physiology	(128)	3
Physiology	(127)	3	Prosthesis Prosthetic Dentistry	(104)	2
Prosthesis Prosthetic Dentistry	(103)	4	Prosthesis Crown and Bridge Technic	(106)	2
Prosthesis Crown and Bridge Technic	(105)	3	Physiology Bio-Chemistry	(134)	2
Anatomy Histology	(140)	4	Bacteriology Dental Bacteriology	(150)	4

Third Year

Operative Dentistry Dental Medicine	(131)	1	Operative Dentistry Dental Medicine	(132)	2
Operative Dentistry Oral Hygiene	(135)	3	Operative Dentistry Porcelain Technic	(124)	1
Operative Dentistry Operative Principles, Practice and Exodontia	(125)	5	Operative Dentistry Operative Principles, Practice and X-Ray	(126)	5
Pathology General Pathology	(135)	3	Pathology Dental Pathology	(144)	2
Prosthesis Crown and Bridge Work	(107)	2	Prosthesis Crown and Bridge Principles, Technic and Practice	(112)	2
Prosthesis Prosthetic Dentistry Practice	(117)	3	Prosthesis Prosthetic Dentistry Practice	(118)	3
			Operative Dentistry Orthodontia Technic	(118)	2

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Operative Dentistry Anesthetics	(139)	2	Operative Dentistry Anesthetics	(140)	2
Operative Dentistry Ethics, Economics, History and Jurisprudence	(141)	1	Operative Dentistry Ethics, Economics, History and Jurisprudence	(142)	1
Operative Dentistry Dental Medicine	(133)	2	Operative Dentistry Dental Medicine	(134)	2
Operative Dentistry Oral Surgery	(137)	2	Operative Dentistry Oral Surgery	(138)	2
Operative Dentistry Orthodontia Principles and Practice	(121)	2	Operative Dentistry Orthodontia Practice	(122)	2
Operative Dentistry Operative Principles and Practice	(127)	4	Prosthesis Crown and Bridge Practice	(116)	2
Prosthesis Crown and Bridge Practice	(115)	2	Prosthesis Prosthetic Dentistry Practice	(120)	2
Prosthesis Prosthetic Dentistry Practice	(119)	2	Operative Dentistry Operative Dentistry Practice	(128)	4

REQUIREMENTS FOR GRADUATION

At the close of the fourth year a student who has completed the curriculum of this College will be recommended for the degree of Doctor of Dental Surgery, on the following conditions:

1. He must be twenty-one years of age and of good moral character, which includes good conduct in college.

2. He must have obtained satisfactory standing in all the branches of the curriculum.

3. He must have attended four full years, the last of which is taken in this College.

Graduates in Dentistry of other institutions are required to attend one full year and comply with all the regulations of the fourth year in order to receive the degree of Doctor of Dental Surgery from this College.

4. He must have attended at least 85 per cent of the scheduled appointments.

5. He must have discharged all his financial obligations to this College, and to any other dental college which he may have attended.

6. He must be present at the time and place scheduled by the Dean for final examinations, and his absence from an examination in a given subject will indicate failure in that subject and will be entered as such against him.

7. If he fails to graduate he may, at the discretion of the Executive Committee, repeat the next session and shall take such subjects as the Dean may direct.

ATTENDANCE

In any course the minimum of attendance for which credit is allowed is 85 per cent of the scheduled hours. The margin of 15 per cent is allowed to provide against serious illness or other unavoidable absence and must never be approached except under such circumstances. Regular attendance upon all scheduled work is required, and the Executive Committee is authorized to place on probation or recommend for dismissal any student who violates this rule without good cause. Absences just preceding or following vacations are subject to especially rigid investigation.

The diplomas of the Dental College are recognized by all state boards of dental examiners.

CONDITIONS AND FAILURES

A student who has attended less than 85 per cent of the hours scheduled for any subject is not eligible for examination and shall receive no credit.

A grade of 60 per cent and less than 75 per cent in any subject means a condition. A grade below 60 per cent means a failure and the subject must be repeated in class.

Value of grades: P (pass) 75-85; A (average) 85-90; G (good) 90-95; M (merit) 95-100.

A condition in Anatomy can be removed only in the Anatomical Laboratory, and the student must pay $6.50 for each dissection required.

A condition in a laboratory subject can be removed only by an oral or written examination and a practical test in the laboratory, for which the student must pay the cost of material.

When a student fails in an examination to remove a condition he must repeat the subject in class.

When a student fails after repeating a course he shall have no further privilege of instruction or examination in this College except by special vote of the Executive Committee.

COLLEGE OF EDUCATION

TEACHERS' CERTIFICATES

All graduates of the College of Education are entitled, under the law, to a state provisional high school teachers' certificate, without examination. This certificate, obtainable from the State Superintendent of Public Instruction on the payment of a fee of one dollar, is valid in the State of Ohio for four years, and the holder is eligible for appointment as teacher in any high school in the State, without further examination.

Graduates from this College in Home Economics, in Industrial Education, or in Art are also entitled, without further examination, to a state provisional special certificate valid for four years, in the appropriate one of the above lines. The holder of such special certificate is eligible for appointment as teacher or supervisor in the particular subject covered by the certificate.

The holder of any of these provisional certificates, furnishing evidence that he has completed at least twenty-four months of successful teaching during the four years, will be granted a state life certificate, of corresponding character, by the State Board of School Examiners.

PROFESSIONAL SUBJECTS

Pursuant to the present School Code of Ohio the State Superintendent of Public Instruction has designated the subjects which are accepted and treated as professional subjects in the training of teachers and which must be included within the minimum of thirty semester hours required of all applicants for state high school provisional or life certificates.

The subjects are General Psychology, Educational Psychology, History of Education, Principles of Education (or Science of Education), School Administration, Methods of Teaching (either general or special), and Supervised Practice Teaching.

Work in each of the foregoing subjects is absolutely required of all applicants for such certificates. In addition to the above, under certain conditions, Experimental Psychology, Sociology, and Philosophy may be counted, if needed, to make up the necessary thirty hours

The various curricula in the College of Education include all of the subjects necessary to meet the foregoing provisions:

REQUIREMENTS FOR GRADUATION

Two general classes of curricula have been provided, both of which lead to the degree of Bachelor of Science in Education.

The first of these provides a wide range of electives and seeks to train superintendents and high school teachers. While the requirements are definite and fixed, the student may choose from a number of subjects the major branch in which he expects to qualify for teaching. Correlated with this will be other branches which he may teach.

The second class provides fixed courses, permitting very little election, for the definite purpose of preparing teachers and supervisors in art, home economics, and manual training.

Upon entering the University, all students preparing to teach should consult the Dean of the College of Education regarding the arrangement of their work.

GENERAL COURSE

The work of the first two years must include:

(a) English

English 101 and 104 (2-2) 4 hours
English 133 and either English 141, 142, 145, or 146 (3-3) 6 hours

English composition, four hours, and English literature, six hours, must be taken by all students. Students who enter with less than three units in English will be assigned additional work in English to make up their deficiency.

(b) Languages

One of the following languages, which must be pursued through both the first and second years: (4-4-4-4) 16 hours
Greek, Latin, French, German, Spanish.

The second year will not be required of students who offer six entrance units in foreign language.

Students who enter with less than two units of foreign language will be required to take sixteen semester hours of foreign language in addition to the work in foreign language outlined for a degree. Students who enter with two units and less than three of a foreign language, will be required t

take eight semester hours of foreign language in addition to the work in foreign language outlined for a degree. Students who enter with three units and less than four of a foreign language, will be required to take four semester hours of foreign language in addition to the work outlined for a degree.

(c) **Mathematics**

Mathematics 121-122: (3-3) 6 hours; or if mathematics is elected as the major subject, 131-132: (5-5) 10 hours. This requirement will be waived for students not electing mathematics as a major study.

Every student must secure credit either in high school or in college for algebra through quadratics and for plane geometry.

(d) **Science**

One of the following Sciences: (4-4) 8 hours
or (3-3) 6 hours

Non-biological:
Physics 105-106 or 103-104
Chemistry 105-106 or 109-110
Geology (Geography) 121-122
Astronomy 101-102

Biological:
Anatomy 101-102
Physiology 101-102
Zoology 101-102
Botany 101-102

Every student is required to take one of the above sciences in college, and every student is also required to have either entrance or college credit for both a biological and a non-biological science. Students who enter without one unit in physics or in chemistry must take one of these subjects in college. Students who enter without one unit in zoology or in botany must take a biological science in college. Students who have entrance credit for one unit in physics or in chemistry and one unit in zoology or in botany must take a science in college.

(e) **History**

One of the following: (3-3) 6 hours
American History 101-102
European History 101-102

Every student is required to secure credit for at least six semester hours in history; but for students who do not offer one unit of history for entrance the requirement is twelve semester hours.

(f) **Psychology** (3–3) 6 hours

The work of the third and fourth years must include:

(a) **Fundamental and Professional Courses**

History of Education, not less than 6 hours
Elements of Sociology, not less than 6 hours
Educational Psychology, not less than 4 hours
The Principles and Practice of Teaching, 6 or 9 hours
School Administration, 3 or 6 hours
A course in the teaching of the major subject, not less than 2 hours

(b) **Major and Minor Courses**

The work which the student is preparing to teach (selected in the first or second year)—hours enough to satisfy the professor in charge that the scholarship warrants a recommendation for teaching in a secondary school. This usually amounts to thirty semester hours in the major field and eighteen to twenty in the minor field.

RESERVE OFFICERS' TRAINING CORPS

For students who complete the curriculum of the Reserve Officers' Training Corps, (as defined in General Orders No. 49 or as may be amended in the future by the War Department), the total number of hours required in the General Course for the degree of Bachelor of Science in Education is 112 (instead of 120) semester hours, and in addition the required work in military science and physical education. For the other curricula in the College of Education a like reduction of eight hours in the requirements for the degree is authorized. The requirements in the professional subjects of the curricula must be fully met.

CURRICULA

GENERAL COURSE

First Year

First Semester			Second Semester		
English	(101)	2	English	(104)	2
Group (b)		4	Group (b)		4
Group (c) or elective		3	Group (c) or elective		3
Group (d)	3 or	4	Group (d)	3 or	4
Group (e)		3	Group (e)		4
*Survey of Education Introductory		1	Military Science		1
Military Science		1	Physical Education		1
Physical Education Hygiene	(100)	1			
Physical Education		1			

Second Year

English	(141 or 145)	3	English	(133)	3
or			or		
English	(133)	3	English	(142 or 146)	3
Psychology	(101)	3	Psychology	(102)	3
Group (b)		4	Group (b)		4
Major Work		5	Major Work		5
Military Science		1	Military Science		1
Physical Education (women)		1	Physical Education (women)		1

Third Year

Sociology	(101)	3	Sociology	(102)	3
History of Education	(101)	3	History of Education	(102)	3
Educational Psychology	(107)	2	Educational Psychology	(108)	2
Major Work		5	†Major Work		5
Correlated Work		2	Correlated Work		2

Fourth Year

Principles and Practice of Education	(103)	3	Principles and Practice of Education	(104)	3
or			School Administration	(112 or 114)	3
Principles and Practice of Education	(104)	3	or		
School Administration	(101)	3	Principles of Education	(109)	3
Major Work		5	Major Work		5
Elective		4	Elective		4

The major work is pursued in the branch of study in which the student is preparing to teach. A correlated work will be found in some branch closely allied to the major work and which the student may also elect to teach.

*This course may, with the permission of the Dean or Secretary, be postponed until the first semester of the second year.

†NOTE: Principles of Education (101) 3 hours, or School Administration (101) 3 hours, may be taken in the second semester and 3 hours of major work postponed until the fourth year.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of one hundred and twenty semester hours, and in addition the required work in military science and physical education, under the restrictions and requirements prescribed above, the student will be recommended for the degree of Bachelor of Science in Education.

ART

REGULATIONS

Students who enter with less than three units in English will be assigned additional work in English to make up this deficiency.

Every student must secure credit either in high school or in college for algebra through quadratics and for plane geometry.

Students who enter with less than two units of foreign language will be required to take sixteen semester hours of foreign language in addition to the work in foreign language outlined for the degree. Students who enter with two units or less than three of a foreign language, will be required to take eight semester hours of foreign language in addition to the work in foreign language outlined for the degree. Students who enter with two units or less than three of a foreign language, will be required to take eight semester hours of foreign language in addition to the work in foreign language outlined for the degree. Students who enter with three units and less than four of a foreign language, will be required to take four semester hours of foreign language in addition to the work outlined for the degree.

Students who enter without one unit in physics or in chemistry must take one of these subjects in addition to the biological science required in the curriculum.

Students who enter without one unit in history must take at least six semester hours of either American or European history in addition to the requirement of the course.

ART

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
English	(101)	2	English	(104)	2
Modern Language		4	Modern Language		4
Art	(131)	2	Art	(132)	2
Art	(119)	1	Art	(141)	2
Zoology	(101)	3	Zoology	(102)	3
or			or		
Botany	(101)	3	Botany	(102)	3
European History	(101)	3	European History	(102)	3
*Survey of Education Introductory		1	Military Science		1
Military Science		1	Physical Education		1
Physical Education Hygiene	(100)	1			
Physical Education		1			

SECOND YEAR

English	(141 or 145)	3	English	(133)	3
or			or		
English	(133)	3	English	(142 or 146)	3
Psychology	(101)	3	Psychology	(102)	3
Modern Language		4	Modern Language		4
Philosophy	(115)	2	Philosophy	(116)	2
Art	(133)	2	Art	(152)	3
Art	(151)	3	Art	(136)	2
Military Science		1	Military Science		1

FOR STUDENTS MAJORING IN DRAWING

THIRD YEAR

Sociology	(101)	3	Sociology	(102)	3
Psychology	(107)	2	Psychology	(108)	2
Art	(153)	3	Art	(148)	2
Art	(134)	3	Art	(142)	3
Engineering Drawing	(131)	3	Engineering Drawing	(132)	3
Art	(147)	2	Elective		4
Elective		1			

FOURTH YEAR

History of Education	(101)	3	History of Education	(102)	3
Principles and Practice of Education	(103)	3	Principles and Practice of Education	(104)	3
Art	(117)	3	Art	(139)	3
Art	(138)	3	Art	(137)	3
School Administration	(101)	3	Elective		3

*This course may, with the permission of the Dean or Secretary, be postponed until the first semester of the second year.

FOR STUDENTS MAJORING IN DESIGN

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Sociology	(101)	3	Sociology	(102)	3
Psychology	(107)	2	Psychology	(108)	2
Art	(153)	3	Art	(134)	2
Art	(142)	3	Art	(143)	3
Engineering Drawing	(131)	3	Engineering Drawing	(132)	3
Elective		2	Elective		3

FOURTH YEAR

History of Education	(101)	3	History of Education	(102)	3
Principles and Practice of Education	(103)	3	Principles and Practice of Education	(104)	3
Art	(147)	2	Art	(144)	3
Art	(117)	3	Art	(145)	3
School Administration	(101)	3	Elective		3
Elective		2			

FOR STUDENTS MAJORING IN HISTORY AND APPRECIATION OF ART

THIRD YEAR

Sociology	(101)	3	Sociology	(102)	3
Psychology	(107)	2	Psychology	(108)	2
Art	(153)	3	Art	(155)	2
Art.	(154)	2	Art	(156)	2
Engineering Drawing	(131)	3	Engineering Drawing	(132)	3
Elective		2	Elective		4

FOURTH YEAR

History of Education	(101)	3	History of Education	(102)	3
Principles and Practice of Education	(103)	3	Principles and Practice of Education	(104)	3
Art	(157)	3	Art	(158)	5
Art	(117)	3	Elective		4
School Administration	(101)	3			

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined, under the restrictions and requirements prescribed above, the student will be recommended for the degree of Bachelor of Science in Education.

HOME ECONOMICS

REGULATIONS

Students who enter with less than three units in English will be assigned additional work in English to make up this deficiency.

Every student must secure credit either in high school or in college for algebra through quadratics and for plane geometry.

Students who enter with less than two units of foreign language will be required to take sixteen semester hours of foreign language in addition to the work in foreign language outlined for the degree. Students who enter with two units and less than three of a foreign language, will be required to take eight semester hours of foreign language in addition to the work in foreign language outlined for the degree. Students who enter with three units and less than four of a foreign language, will be required to take four semester hours of foreign language in addition to the work outlined for the degree.

Students who enter without one unit in physics must take this subject in addition to the science requirements of the course.

Students who enter without one unit in history must take at least six semester hours of either American or European history.

HOME ECONOMICS

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
English	(101)	2	English	(104)	2
Zoology	(101)	3	Zoology	(102)	3
French or German		4	French or German		4
Home Economics	(111)	2	Home Economics	(112)	2
*Survey of Education Introductory		1	Art	(119)	1
Physical Education Hygiene	(100)	1	Physical Education	(132)	1
Physical Education	(131)	1			

SECOND YEAR

Chemistry	(127)	2	Chemistry	(128)	1
Agricultural Chemistry	(123)	3	Home Economics	(102)	5
Home Economics	(101)	5	Physiology	(102)	3
Physiology	(101)	3	French or German		4
French or German		4	Physical Education	(134)	1
Physical Education	(133)	1	Elective		3

*This course may, with the permission of the Dean or Secretary, be postponed until the first semester of the second year.

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Psychology	(101)	3	Psychology	(102)	3
Economics	(101)	3	Economics	(102)	3
Bacteriology	(107)	4	Home Economics	(104)	3
Art	(131)	2	Art	(141)	2
History of Education	(101)	3	History of Education	(102)	3
			Elective		3

FOURTH YEAR

Sociology	(101)	3	Sociology	(102)	3
Principles and Practice of Education	(103)	3	Principles and Practice of Education	(104)	3
Home Economics	(118)	3	School Administration	(112 or 114)	3
School Administration	(101)	3	or		
Home Economics	(127)	3	Principles of Education	(109)	3
			Home Economics	(119)	4
			Elective		3

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined, under the restrictions and requirements prescribed above, the student will be recommended for the degree of Bachelor of Science in Education.

INDUSTRIAL EDUCATION

(MANUAL TRAINING)

REGULATIONS

Students who enter with less than three units in English will be assigned additional work in English to make up this deficiency.

Every student must secure credit either in high school or in college for algebra through quadratics and for plane geometry, in addition to the requirement of the course.

A student is required to have either entrance or college credit for both a biological and a non-biological science.

Students who enter without one unit in physics or in chemistry must take one of these subjects in addition to the requirement of the course. Students who enter without one unit in zoology or in botany must take a biological science. Students who enter without one unit in history must take at least six semester hours of either American or European history.

Students entering with four units in one language may be excused from further language work, but must take an equivalent number of hours in some academic course, subject to the approval of the Head of the Department of Industrial Education and the Dean of the College of Education.

Students entering with two or three units in one language may be excused from further language work provided they have taken in the University one additional year of that language, but must take an equivalent number of hours in some academic course, subject to the approval of the Head of the Department of Industrial Education and the Dean of the College of Education.

All electives are subject to the approval of the Head of the Department of Industrial Education and the Dean of the College of Education.

INDUSTRIAL EDUCATION

(MANUAL TRAINING)

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
English	(101)	2	English	(104)	2
Mathematics	(121)	3	Mathematics	(122)	3
Art	(131)	2	Art	(141)	2
American History	(101)	3	American History	(102)	3
or			or		
Foreign Language		4	Foreign Language		4
Engineering Drawing	(139)	4	Engineering Drawing	(140)	3
*Survey of Education Introductory		1	Industrial Education	(125)	2
Military Science		1	Military Science		1
Physical Education Hygiene	(100)	1	Physical Education		1
Physical Education		1			

SECOND YEAR

English	(133, 141, or 145)	3	English	(142, 146, or 133)	3
Chemistry	(105 or 109)	4	Chemistry	(106 or 110)	4
Psychology	(101)	3	Psychology	(102)	3
Industrial Education	(127)	3	Industrial Education	(128)	3
Shopwork	(105)	2	Shopwork	(115)	2
Military Science		1	Military Science		1
Elective		2	Elective		2

*This course may, with the permission of the Dean or Secretary, be postponed until the first semester of the second year.

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER		
Physics	(103 or 105)	4	Physics	(104 or 106)	4
Sociology	(101)	3	Sociology	(102)	3
Psychology	(107)	2	Psychology	(108)	2
Industrial Education	(117)	2	Industrial Education	(118)	2
Industrial Education	(133)	2	Industrial Education	(134)	2
Industrial Education	(129)	3	Elective		3

FOURTH YEAR

History of Education	(101)	3	History of Education	(102)	3
Principles and Practice of Education	(103)	3	Principles and Practice of Education	(104)	3
School Administration	(101)	3	Industrial Education	(112)	3
Industrial Education	(111)	3	Industrial Education	(132)	3
Shopwork	(119)	3	Elective		3

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined, under the restrictions and requirements prescribed above, the student will be recommended for the degree of Bachelor of Science in Education.

RESIDENCE REQUIREMENT

No undergraduate will be admitted to candidacy for a degree at any Commencement who has not done the last year of work required for the degree in residence in this College. No student will be registered in such candidacy later than the first day of October.

TWO-YEAR TECHNICAL COURSE

The Two-Year Technical Course is designed for the training of Related Subjects Teachers and Coordinators of Trades and Industry for the Smith-Hughes classes.

The Related Subjects Teachers will be trained to give instruction in the subjects related to the trade or trades in which the pupils enrolled are working. The subjects are mathematics, drawing, science, and shop theory and practice.

The Coordinators will be trained to more closely coordinate the related technical instruction given in school with the trade operations and processes with which the pupil comes in contact in the shop. His time will be divided between instruction in the school and the visitation of pupils while they are at work in the local shops.

CURRICULUM

FIRST YEAR

First Semester			Second Semester		
English	(101)	2	English	(104)	2
Mathematics	(121)	3	Mathematics	(122)	3
Engineering Drawing	(139)	4	Engineering Drawing	(140)	3
Psychology	(101)	3	Psychology	(102)	3
Shopwork	(115)	2	Shopwork	(105)	2
Industrial Education	(127)	3	Industrial Education	(128)	3

SECOND YEAR

Engineering Drawing	(104)	3	Shopwork	(107)	2
Shopwork	(119)	3	Shopwork	(121)	3
Industrial Education	(111)	3	Industrial Education	(112)	3
Economics	(101)	3	Economics	(102)	3
Industrial Education	(134)	2	Industrial Education	(132)	3
Elective		2 or 3	Elective		2 or 3

Electives to be chosen with the consent of instructors, based on pupils' experience.

The above curriculum covers two academic school years of thirty-six weeks each. This allows the student an opportunity to work in some shop or industry during the summer months, thus gaining some first-hand knowledge of industry.

All of the courses listed in this curriculum are regular University courses and will receive full University credit. Students completing this curriculum will be able to continue, without loss of time, work for a degree in Education if they should so desire.

SCIENCE NURSING FOR TEACHERS

This is the fifth year of the Science Nursing Course planned for those intending to teach nursing in the Schools of Nursing.
(See the Bulletin of the College of Medicine for preceding courses.)

REQUIRED COURSES:

History of Education	(101-102)	3—3 hours
Psychology Elementary Psychology	(101-102)	3—3 hours
English	(101-104)	2—2 hours
Science Nursing History and Ethics of Nursing	(159)	1 hour
Survey of Education Introductory		1 hour
Principles of Education Principles and Methods of High School Teaching	(103)	3 hours
Public Speaking	(101)	2 hours
Science Nursing Observation and Criticism of the Teaching in Schools of Nursing	(151)	2 hours
Science Nursing Teaching of Nursing Principles and Methods	(153)	2 hours
Psychology Educational Psychology	(107-108)	2—2 hours

Science Nursing .....(156) 2 hours
Teaching Practice in Schools of Nursing

Science Nursing .....(158) 2 hours
Observation of Supervision in Hospitals and Training Schools

School Administration .....(101) 3 hours
Public Education in the United States

Public Health .....(101) 2 hours
Public Health Administration

Science Nursing .....(162) 2 hours
History of Nursing and Contemporary Problems

Public Health .....(113) 2 hours
Personal Hygiene

Students who present evidence of training in advance of these requirements may be granted advanced standing and are advised to elect an equal amount of other work subject to the approval of the Dean of the College of Education.

Suggested electives: Principles of Education 109; Principles of Sociology 101; Survey of Home Economics 125-126; Industrial Hygiene 122; Chemistry 105; Anatomy; Physiology; Materia Medica; Engineering Drawing.

ARTS-EDUCATION CURRICULUM

TWO DEGREES

Students who have received credit for one hundred and forty semester hours, and in addition the required work in military science and physical education, and who have met all the requirements of the College of Arts, Philosophy, and Science for the degree of Bachelor of Arts and who have met all the requirements of the General Curriculum in the College of Education for the degree of Bachelor of Science in Education will be granted both degrees.

Applicants for both degrees must register in both colleges and have their electives approved by the Dean or Secretary of each college.*

Students registered for this combined Arts-Education curriculum, must ordinarily expect to use at least one summer session in addition to the four years to complete the work.

*This registration in both colleges should be made at the beginning of the third year.

COLLEGE OF ENGINEERING

OUTLINE OF THE FIRST YEAR'S WORK OF ALL FOUR-YEAR CURRICULA

In order to permit all Engineering students to have a year in which to find out definitely what courses they desire to pursue, the first year of all Engineering curricula, except Architecture, is made uniform. While students are asked to indicate their choice on entering the College, they can change at the end of the first year without any inconvenience.

Note—The figure in parenthesis following the name of each study indicates the number of the study in its department, the other figure indicates the number of credit hours.

First Semester		
Mathematics College Algebra and Trigonometry	(131)	5
Chemistry General Chemistry	(105 or 109)*	4
Modern Language French, German or Spanish		4
English Paragraph Writing	(101)	2
Engineering Drawing Elementary Mechanical	(101)	2
Military Science		1
Physical Education Hygiene	(100)	1
Physical Education	(101)	1

Second Semester		
Mathematics Trigonometry and Analytics	(132)	5
Chemistry General Chemistry and Qualitative Analysis	(106 or 110)*	4
Modern Language French, German or Spanish		4
English Paragraph Writing	(104)	2
Engineering Drawing Lettering and Projections	(102)	3
Military Science		1
Physical Education	(102)	1

SUMMER SESSION

Shopwork is required in the Summer Session in all Engineering curricula except Architecture, Architectural and Civil Engineering. In Chemical, Electrical, and Mechanical Engineering, Shopwork 109 and 115 are required at the end of the first year. In Ceramic and General Engineering, Shopwork 107, 109, and 115 are offered and two of these must be taken at the end of the first year. In Metallurgical and Mine Engineering, Shopwork 105, 109, and 115 are offered and two of these must be taken at the end of the first year.

*Students presenting Chemistry as an entrance subject will take Chemistry 109 and 110. Students with no entrance credits in Chemistry will take Chemistry 105 and 106.

ARCHITECTURE

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mathematics College Algebra and Trigonometry	(131)	5	Mathematics Trigonometry and Analytics	(132)	5
French	(101 or 103)	4	French	(102 or 104)	4
English Paragraph Writing	(101)	2	English Paragraph Writing	(104)	2
Engineering Drawing Elementary Mechanical	(101)	2	Engineering Drawing Lettering and Projections	(102)	3
Art Elementary Drawing	(131)	2	Art Elementary Drawing	(132)	2
Architecture Elements of Architecture	(131)	2	Architecture Elements of Architecture	(132)	2
Military Science		1	Military Science		1
Physical Education Hygiene	(100)	1	Physical Education	(102)	1
Physical Education	(101)	1			

SECOND YEAR

Mathematics Calculus	(127)	3	Mathematics Calculus	(128)	3
Physics General Physics	(117)	2	Physics General Physics	(118)	2
Engineering Drawing Descriptive Geometry	(107)	3	Architecture Shades, Shadows and Perspective	(124)	3
Art Advanced Drawing	(133)	2	Art Elementary Design	(141)	2
Architecture History of Architecture	(133)	3	Architecture History of Architecture	(134)	3
Architecture Design	(141)	5	Architecture Design	(142)	5
Military Science		1	Military Science		1

SUMMER COURSE: Architecture 120, Architectural Practice or an Architectural Problem. Four credit hours.

THIRD YEAR

Mechanics Statics and Strength of Materials	(103)	5	Civil Engineering Trusses	(124)	3
Art Water Color	(136)	2	Art Water Color	(162)	2
Architecture Architectural Composition	(113)	2	Architecture Wood Construction	(150)	5
Architecture Photography	(111)	2	Architecture History of Architecture	(136)	3
Architecture History of Architecture	(135)	2	Architecture Design	(144)	5
Architecture Design	(143)	5			

SUMMER COURSE: Architecture 121, Architectural Practice or an Architectural Problem. Four credit hours.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mechanical Engineering Heating and Ventilating	(121)	3	Civil Engineering Cement and Concrete	(130)	2
Architecture Sanitary Plumbing	(117)	1	Architecture Professional Practice	(116)	4
Architecture Masonry	(151)	3	Architecture Thesis	(118)	5
Architecture Ornament	(147)	4	Architecture Design	(146)	5
Architecture Design	(145)	5	Art Drawing from Life	(164)	2
Art Drawing from Life	(163)	2			

For thesis requirements see page 253.

ARCHITECTURAL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics General Physics	(111)	3	Physics General Physics	(112)	3
Engineering Drawing Descriptive Geometry	(107)	3	Architecture Shades, Shadows and Perspective	(124)	3
Architecture Elements of Architecture	(131)	2	Architecture Elements of Architecture	(132)	2
Architecture History of Architecture	(133)	3	Architecture History of Architecture	(134)	3
Art Elementary Drawing	(131)	2	Art Elementary Drawing	(132)	2
Military Science		1	Military Science		1

SUMMER COURSE: Architecture 120, Architectural Practice or an Architectural Problem. Four credit hours.

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Strength of Materials	(104)	2
Mechanical Engineering Materials of Construction	(123)	2	Civil Engineering Trusses	(124)	3
Architecture Architectural Composition	(113)	2	Architecture Photography	(111)	2
Architecture History of Architecture	(135)	2	Architecture Wood Construction	(150)	5
Architecture Design	(141)	5	Architecture Design	(142)	5
Electrical Engineering Illumination	(117)	2			

SUMMER COURSE: Architecture 121, Architectural Practice or an Architectural Problem. Four credit hours.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mechanical Engineering Heating and Ventilating	(121)	3	Civil Engineering Cement and Concrete	(130)	2
Mechanical Engineering Experimental Engineering Laboratory	(169)	2	Civil Engineering Surveying	(128)	2
Architecture Plumbing	(153)	2	Architecture Professional Practice	(116)	4
Architecture Masonry	(151)	3	Architecture Thesis	(118)	5
Architecture Design	(143)	5	Architecture Fire Protection	(123)	2
Civil Engineering Tall Buildings	(125)	3	Civil Engineering Concrete Design	(129)	3

For thesis requirements see page 253.

CERAMIC ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics General Physics	(111)	3	Physics General Physics	(112)	3
Engineering Drawing Descriptive Geometry	(103)	3	Engineering Drawing Machine Drawing	(104)	3
Metallurgy Ceramic Chemistry	(145)	4	Metallurgy Ceramic Chemistry	(146)	4
Ceramic Engineering Clays	(141)	3	Ceramic Engineering Clay Wares	(142)	3
Military Science		1	Military Science		1

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Strength of Materials	(104)	2
Chemistry Physical Chemistry	(159)	3	Geology	(168)	3
Mine Engineering Mine Surveying	(113)	3	Civil Engineering Trusses	(124)	3
Ceramic Engineering Drying and Burning	(143)	3	Ceramic Engineering Decoration of Clay Wares	(144)	3
Ceramic Engineering Calculations	(105)	3	Ceramic Engineering Physical, Chemical Measurements	(108)	4
Metallurgy Pyrometry	(125)	1	Mechanical Engineering Mechanism and Machine Design	(110)	3
			Ceramic Engineering Junior Inspection Trip	(133)	

FOURTH YEAR

First Semester			Second Semester		
Ceramic Engineering Laboratory	(111)	5	Ceramic Engineering Laboratory	(112)	5
Ceramic Engineering Designing	(113)	5	Ceramic Engineering Designing	(114)	5
Civil Engineering Cement and Concrete	(118)	2	Ceramic Engineering Thesis	(116)	4
Metallurgy Fuel	(117)	2	Ceramic Engineering Refractories and Furnaces	(146)	3
Mine Engineering Principles of Mining	(115)	2			
Mineralogy Thermo-Chemical Mineralogy	(105)	2			

For thesis requirements see page 253.

CHEMICAL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics General Physics	(111)	3	Physics General Physics	(112)	3
Engineering Drawing Descriptive Geometry	(103)	3	Engineering Drawing Machine Drawing	(104)	3
Chemistry Quantitative Analysis	(119)	4	Chemistry Quantitative Analysis	(120)	4
Chemistry Advanced General Chemistry	(113)	2	Chemistry Advanced General Chemistry	(114)	2
Military Science		1	Military Science		1

SUMMER COURSE: Chemistry 125. The equivalent of eight weeks spent in shop or factory work, or in the engineering department of an industrial plant or other organized work than that of a chemical laboratory merely. Work to be done between the second and third years.

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Kinetics and Hydraulics	(102)	5
Engineering Drawing Technical Drawing	(121)	2	Engineering Drawing Technical Drawing	(122)	2
Metallurgy Fuel	(117)	2	Mineralogy Crystallography and Mineralogy	(102)	3
Metallurgy Iron and Steel	(119)	2	Chemistry Organic Chemistry, lectures	(152)	2
Chemistry Organic Chemistry, lectures	(151)	2	Chemistry Junior Inspection Trip	(181)	
Chemistry Organic Chemistry, laboratory	(153)	2	Elective		5 to 7
Mechanical Engineering Steam Engineering	(107)	3			

Electives in third year, second semester, must be chosen from the group of courses as Chemical Engineering Electives; or from the following courses, subject to the approval of the department concerned: Metallurgy 110, 4 hours, General Metallurgy; Metallurgy 112, 2 hours, Calorimetry and Mine Gas Analysis.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mechanical Engineering Machine Design	(127)	5	Mechanical Engineering Machine Design	(144)	5
Chemistry Physical Chemistry	(157)	3	Chemistry Physical Chemistry	(158)	3
Chemistry Industrial Chemistry	(177)	2	Chemistry Industrial Chemistry	(178)	2
Chemistry Industrial Chemistry, laboratory	(185)	3	Chemistry Industrial Chemistry, laboratory	(186)	2
Electrical Engineering Elementary Electrical Engineering	(101)	5	Chemistry Thesis	(140)	4
			Chemistry Inspection Trip	(182 or 184)	
			Elective		2

For thesis requirements see page 253.

CIVIL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics General Physics	(111)	3	Physics General Physics	(125)	5
Engineering Drawing Descriptive Geometry	(105)	3	Engineering Drawing Advanced Descriptive Geometry	(106)	3
Civil Engineering Land Surveying and Field Practice	(101 & 101a)	4 and 1	Civil Engineering Railroad Surveying and Field Practice	(102 & 102a)	4 and 1
Civil Engineering Topographic Drawing	(103)	2	Military Science		1
Military Science		1			

SUMMER COURSES: Civil Engineering 104 and 111, each four weeks of six days a week. Four credit hours for each course. Field work in surveying. Required in second and third years respectively.

THIRD YEAR

Astronomy Geodesy and Least Squares	(104)	3	Astronomy Geodesy and Least Squares	(105)	3
Mechanics Statics and Strength of Materials	(101)	5	Mechanics Kinetics and Hydraulics	(102)	5
Civil Engineering Topographic Surveying	(105)	3	Civil Engineering Timber Construction	(108)	3
Civil Engineering Applied Descriptive Geometry	(107)	2	Civil Engineering Roads and Pavements	(106)	3
Civil Engineering Sanitary Engineering	(109)	3	†Civil Engineering Stresses in Structures	(110)	4
Geology	(168)	3	‡Civil Engineering Trusses	(124)	3
			‡Civil Engineering Engineering Reports	(138)	1

†Civil Engineering group.
‡Municipal and Sanitary Engineering group.

FOURTH YEAR

CIVIL ENGINEERING GROUP

FIRST SEMESTER

Civil Engineering .....(113) 4
Bridge Design
Civil Engineering .....(130) 2
Cement and Concrete
Civil Engineering .....(115) 3
Masonry Construction
Mechanical Engineering .....(173) 5
Laboratory
Civil Engineering .....(141) 3
Railway Maintenance
or
Civil Engineering .....(125) 3
Tall Buildings
or
Electrical Engineering .....(103) 3

SECOND SEMESTER

Civil Engineering .....(112) 4
Railway Location
or
Civil Engineering .....(114) 4
Advanced Bridge Design
Civil Engineering .....(117) 3
Water Supply
Civil Engineering .....(116) 3
Masonry Structures and Contracts
Civil Engineering .....(122) 3
Thesis
Civil Engineering .....(129) 3
Concrete Design
Mechanical Engineering .....(142) 2
Hydraulic Machinery
or
Mechanical Engineering .....(150) 3
Hydraulic Power

For thesis requirements see page 253.

FOURTH YEAR

MUNICIPAL AND SANITARY ENGINEERING GROUP

Civil Engineering .....(130) 2
Cement and Concrete
Civil Engineering .....(115) 3
Masonry Construction
Mechanical Engineering .....(173) 5
Laboratory
Civil Engineering .....(119) 1
Thesis
Civil Engineering .....(139) 3
Municipal Engineering
*Bacteriology .....(107) 4
General Bacteriology
or
*Chemistry .....(119) 3
Quantitative Analysis

Civil Engineering .....(117) 3
Water Supply
Civil Engineering .....(116) 3
Masonry Structures and Contracts
Civil Engineering .....(122) 3
Thesis
Civil Engineering .....(129) 3
Concrete Design
Civil Engineering .....(140) 3
Sanitary and Water Supply Design
*Bacteriology .....(114) 3
Water Exam., Sewage Disposal, Water Filtration
or
*Chemistry .....(176) 3
Water Analysis

For thesis requirements see page 253.
Students will not be permitted to change groups during the fourth year.

*Alternative courses.

ELECTRICAL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics Mechanics and Heat	(113)	5	Physics Electricity and Magnetism	(130)	6
Engineering Drawing Descriptive Geometry	(103)	3	Physics Wave Motion, Sound and Light	(132)	2
Physics Electricity and Magnetism	(129)	2	Engineering Drawing Technical Drawing	(110)	2
Shopwork Machine Work	(119)	3	Shopwork Advanced Machine Work	(121)	3
Military Science		1	Military Science		1

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Kinetics and Hydraulics	(102)	5
Physics Electrical Measurements and Photometry	(135)	5	Electrical Engineering Direct Current Machinery	(104)	5
Mechanical Engineering Heat Power Engineering	(105)	3	Mechanical Engineering Heat Power Engineering	(106)	3
Mechanical Engineering Mechanism and Machine Design	(101)	3	Mechanical Engineering Laboratory	(160)	2
Engineering Drawing Technical Drawing	(111)	2	Electrical Engineering Applications, A. C. Prin.	(106 and 108)	3
			Electrical Engineering Inspection Trip	(132 and 136)	

SUMMER COURSE: Electrical Engineering 139, Experience in Practice. Eight weeks during any summer vacation. (To be first required of the class graduating in 1922.)

FOURTH YEAR

Mechanical Engineering Laboratory	(175)	3	Electrical Engineering Alternating Current Laboratory	(112)	3
Electrical Engineering Alternating Current Laboratory	(111)	3	Electrical Engineering Transmission	(124)	3
Electrical Engineering Alternating Current Machinery	(109)	3	Mechanical Engineering Machine Design	(112)	2
Electrical Engineering Electrical Machine Design	(121)	3	Electrical Engineering Thesis	(128)	5
Electrical Engineering	(*)	3	Electrical Engineering Inspection Trip	(130 or 134)	
Electrical Engineering Thesis	(127)	1	Elective		2 to 5
Elective		2			

For thesis requirements see page 253.

*One of the following: (113) Railways, (115) Telephony, (117) Illumination, (119) Wireless Telegraphy.

GENERAL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Chemistry Quantitative Analysis	(119)	4	Chemistry Quantitative Analysis	(120)	4
Physics General Physics	(113)	5	Physics General Physics	(125)	5
Engineering Drawing Descriptive Geometry	(103)	3	Engineering Drawing Machine Drawing	(104)	3
Military Science		1	Military Science		1

(1) In addition to the two years outlined above, the student shall obtain credit for 72 semester hours in order to complete the requirements for his degree.

(2) Of these 72 hours, 10 hours must be Mechanics 101 and 102, which shall ordinarily be completed during the third year; and the production of a thesis, subject to the approval of the department concerned, carrying four hours credit during the fourth year.

(3) At least 20 hours shall be selected from technical engineering subjects, and 20 hours shall be selected from either technical engineering subjects or from those sciences fundamental to engineering which are included in the Bulletin of the College of Engineering. These subjects must be approved by the engineering department in which the student's principal work is done, and by the Secretary of the College of Engineering.

(4) The remaining 18 hours shall be selected from any work of the University to which the student is eligible, subject to the approval of the engineering department having supervision over the last two years of the student's work.

(5) Junior and Senior inspection trips to be taken with the department in which the major work is done.

For thesis requirements see page 253.

MECHANICAL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics Mechanics and Heat	(113)	5	Physics General Physics	(119)	3
Engineering Drawing Descriptive Geometry	(103)	3	Physics Laboratory	(138)	2
Shopwork Foundry Work	(105)	2	Engineering Drawing Machine Drawing	(104)	3
Shopwork Chipping and Filing	(107)	2	Shopwork Machine Work	(119)	3
Shopwork Advanced Pattern-Making	(111)	1	Civil Engineering Surveying	(128)	2
Military Science		1	Military Science		1

SUMMER COURSE: Mechanical Engineering 139. Practical experience in an engineering industry. Eight weeks during the second or third summer vacation. To be first required of the class graduating in 1923.

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Kinetics and Hydraulics	(102)	5
Engineering Drawing Technical Drawing	(111)	2	Architecture Photography	(111)	2
Metallurgy Fuel	(117)	2	Civil Engineering Timber and Masonry	(126)	2
Metallurgy Iron and Steel	(119)	2	Mechanical Engineering Mechanism	(114)	3
Metallurgy Fuel Analysis and Calorimetry	(131)	1	Mechanical Engineering Mechanism Drawing	(116)	1
Mechanical Engineering Steam Power Plants	(103)	3	Mechanical Engineering Laboratory	(164)	2
Shopwork Advanced Machine Work	(121)	3	Mechanical Engineering Steam Power Plants	(104)	4
			Mechanical Engineering Inspection Trip	(130 or 134)	

FOURTH YEAR

Civil Engineering Trusses	(124)	3	*Mechanical Engineering Steam Turbines	(146)	2
Electrical Engineering Elementary Electrical Engineering	(101)	5	*Mechanical Engineering Hydraulic Power	(150)	3
Mechanical Engineering Machine Design	(127)	5	*Elective		3
Mechanical Engineering Gas Engines and Producers	(125)	2	Mechanical Engineering Machine Design	(144)	5
Mechanical Engineering Thermodynamics	(129)	2	Mechanical Engineering Hydraulic Machinery	(142)	2
Mechanical Engineering Laboratory	(179)	2	Mechanical Engineering Laboratory	(190)	6
			Mechanical Engineering Thesis	(148)	3
			Mechanical Engineering Inspection Trip	(130 or 134)	

For thesis requirements see page 253.

*Alternative courses. One must be taken.

METALLURGICAL ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics General Physics	(111)	3	Physics General Physics	(112)	3
Engineering Drawing Descriptive Geometry	(103)	3	Geology	(168)	3
Metallurgy Metallurgical Analysis	(106)	4	Metallurgy Alloy Analysis	(107)	3
Mine Engineering Mine Surveying	(113)	3	Mineralogy Crystallography and Mineralogy	(102)	4
Military Science		1	Military Science		1

SUMMER COURSE: Metallurgy 136. Four credit hours. Eight weeks of approved work in a metallurgical plant in the summer time. A report of the summer's work to be made in writing and if possible before students.

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Kinetics and Hydraulics	(102)	5
Metallurgy Fuel	(117)	2	Metallurgy General Metallurgy of Non-Ferrous Metals	(110)	4
Metallurgy Iron and Steel	(119)	2	Metallurgy Technical Gas and Fuel Analysis	(112)	3
Mineralogy Determinative Mineralogy	(104)	3	Civil Engineering Trusses	(124)	3
Metallurgy Fire Assaying	(105)	2	Metallurgy Metallography	(120)	2
Mine Engineering Principles of Mining	(115)	2	Metallurgy Inspection Trip	(130)	

FOURTH YEAR

Metallurgy Metallurgical Construction	(127)	4	Metallurgy Metallurgical Construction	(128)	4
Mineralogy Thermo-Chemical Mineralogy	(105)	2	Electrical Engineering Electrical Equipment	(142)	2
Metallurgy Advanced Metallography	(133)	3	Metallurgy Advanced Metallography	(134)	3
Mechanical Engineering Mechanical Laboratory	(191)	4	Metallurgy Ore Dressing and Coal Washing	(113)	4
Electrical Engineering	(103)	3	Metallurgy Thesis	(116)	3
Elective		4	Elective		3

For thesis requirements see page 253

MINE ENGINEERING

FOR FIRST YEAR SEE PAGE 241

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Mathematics Calculus	(141)	5	Mathematics Calculus	(142)	5
Physics General Physics	(111)	3	Physics General Physics	(125)	5
Engineering Drawing Descriptive Geometry	(103)	3	Geology General Geology	(160)	5
Metallurgy Metallurgical Analysis	(106)	3	Mineralogy Crystallography and Mineralogy	(102)	3
Mine Engineering Mine Surveying	(103)	4	Mine Engineering Mine Trip	(110)	
Military Science		1	Military Science		1

SUMMER COURSE: Mine Engineering 108. Four credit hours. Eight weeks of approved work in a mine or mining plant. A report of the summer's work to be made in writing and if possible before students.

THIRD YEAR

Mechanics Statics and Strength of Materials	(101)	5	Mechanics Kinetics and Hydraulics	(102)	5
Metallurgy Fuel	(117)	2	Metallurgy General Metallurgy of Non-Ferrous Metals	(110)	4
Metallurgy Iron and Steel	(119)	2	Civil Engineering Trusses	(124)	3
Mineralogy Determinative Mineralogy	(104)	3	Metallurgy Ore Dressing and Coal Washing	(113)	4
Mine Engineering Mining Problems	(117)	3	Mine Engineering Prospecting and Preliminary Operations	(122)	3
Metallurgy Alloy Analysis	(107)	3	Mine Engineering Inspection Trip	(132)	

FOURTH YEAR

Mine Engineering Development and Methods of Mining	(123)	3	Mine Engineering Mine Operations	(124)	3
Mine Engineering Mine Design	(127)	3	Mine Engineering Mine Design	(128)	3
Mechanical Engineering Laboratory	(191)	4	Mine Engineering Mine Examinations and Reports	(126)	3
Electrical Engineering	(103)	3	Electrical Engineering Electrical Equipment	(142)	2
Metallurgy Fire Assaying	(105)	2	Metallurgy Technical Gas and Fuel Analysis	(112)	3
Geology Economic Geology	(167)	3	Mineralogy Microscopic Petrography	(111)	2
			Mine Engineering Thesis or	(116)	3
			Mine Engineering Mine Reports	(130)	3

For thesis requirements see page 253

THESIS

As a requisite for graduation each candidate in the College of Engineering must present an acceptable thesis embodying the results of a special study. The subject of this study must lie within the field of the degree sought. The subject must be filed with the head of the department under whose direction the work is done on the official blank provided for the purpose not later than December 15th of the University year in which the degree is sought. The completed thesis must be submitted to the professor who has directed the work not later than the second Thursday before Commencement Day for final approval.

If the thesis is then approved the student shall deposit two copies of it with the University Editor not later than noon of the Thursday before Commencement, and shall pay to the Editor a fee covering the cost of binding the same.

RESERVE OFFICERS' TRAINING CORPS

The Faculty of the College of Engineering has passed the following regulations to enable its students to take advantage of the Reserve Officers' Training Corps. See page 136.

1. That the first two years of the various engineering curricula remain as they are at present.

2. That those students who have completed two academic years of service in the Senior Division of the Reserve Officers' Training Corps, and who have been selected for further military training by the President of the University and the Professor of Military Science and Tactics, and who execute the written agreement or contract to pursue the two years' advanced curriculum as prescribed in Section 35 of General Orders No. 49, shall receive no academic credit for the prescribed physical work or military science of said advanced curriculum but may receive academic credit to the amount of three hours each week during four semesters for the theoretical instruction in military subjects of said curriculum.

3. That a student taking this special military training shall be allowed to substitute, during four semesters, three credit hours of military subjects for which academic credit is given, for the same number of hours of subjects which are now a part of the curriculum leading to the degree sought.

4. That the selection of the subjects in the present curricula for which military credits may be substituted shall be determined by the Executive Committee of the College and the department in which the major work of the student lies.

COMBINATION CURRICULA

Combination curricula leading to two engineering degrees can be arranged for any two of the foregoing degrees. The amount of additional time will be at least thirty semester hours in excess of that required for one, and may be more. In no case will the student be required to take all of the work not common to the two curricula as published.

For instance, a joint curriculum, Mechanical and Electrical Engineering, can be taken in five years. Where the curricula are more diverse, such as Civil Engineering and Mechanical Engineering, six years may be required.

ARTS-ENGINEERING CURRICULA

For the benefit of those who desire to possess the advantage of a wider general culture and a broader foundation than can be given in the limits of a four-year professional curriculum, a combination of three years in the College of Arts, Philosophy, and Science and three years in the College of Engineering can be so adjusted as to enable the student to secure the degree of Bachelor of Arts and the appropriate engineering degree.

The College of Engineering desires to establish similar relations with other educational institutions of approved standing in Ohio and elsewhere, by which a student can earn two degrees in five or six years.

GRADUATE WORK

The Graduate School has administrative control of the graduate work in all of the colleges of the University. The conditions under which advanced degrees can be obtained by graduates of the College of Engineering are as follows:

Master's Degree. The degree which will be conferred upon candidates whose major work lies in Engineering, will be that of Master of Science (M. Sc.). The course of study will consist of one

major and either one or two minors, at least one of the minors being in a different department from that in which the major is taken. A residence of one year devoted wholly to graduate work is required, but graduates of this University may complete not more than half of the required work at another institution offering equivalent opportunities for study. Except in certain special cases, a satisfactory thesis is required.

Professional Engineering Degree. Upon nomination by the Faculty of the College of Engineering, the appropriate professional engineering degree of Architect, Architectural Engineer, Ceramic Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer, or Engineer of Mines may be granted to graduates of this University upon the following plan:

Four years of acceptable professional experience and an approved thesis. Not to exceed two years of approved graduate study may be counted as a part of the four years' requirement.

GRADUATE SCHOOL

REQUIREMENTS FOR THE DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

In general, the degree of Master of Arts will be conferred for major work of a non-technical character, while the Master of Science degree will be conferred for major work of a technical character. The degree of Master of Arts will usually be conferred upon candidates whose major work lies in the departments properly included in the College of Arts, Philosophy, and Science, the College of Education, or the College of Commerce and Journalism, while the degree of Master of Science will usually be conferred upon candidates whose major work lies in the colleges in which the work is more or less of a technical character. The diploma shall in each case designate the department in which the major work was done.

Residence Requirement. A residence of one year wholly devoted to graduate work is required; but the graduates of this University may do not to exceed one-half of the required work at another institution having equivalent opportunities for study. The candidate is, however, subject to final examination by the Ohio State University on all work offered for the degree.

Course of Study. The course of study shall consist of one major and one or two minors. While qualification for the Master's degree is not contingent upon the completing of a definite number of hours, the amount of work required will usually aggregate not less than the equivalent of fifteen hours of classroom work throughout the year, inclusive of the thesis.

Admission to Candidacy. Each candidate for a Master's degree must present his application for admission to candidacy at a date not less than four months previous to the date at which the degree is sought. These applications are passed upon by the Executive Committee of the Graduate Council. Admission to candidacy is based upon undergraduate training and ability to pursue graduate work as revealed by the offical reports upon the student's course. No student will be admitted to candidacy until he has completed at least the equivalent of one semester's work.

Examination. Each candidate is required to pass a final examination upon all work included in his course of study. This examination is oral, but a supplementary written examination may be given at the option of the committee in charge of the course.

The fact that a candidate must pass a final oral examination in no way excuses him from taking any regular examinations that may be given in the departmental courses previous to the date of the final oral examinations.

Thesis. A satisfactory thesis is required. The subject of the thesis, together with the written approval of the professor directing the work, must be filed at the office of the Graduate School at a date not later than that on which the candidate applies for admission to candidacy.

A candidate who expects to receive his degree at the regular Commencement in June must submit the completed manuscript of his thesis ready for typewriting to the member of the instructional staff who has directed the work not later than 2 p.m. on the third Thursday before Commencement Day. If the manuscript is approved the candidate will then proceed at once to prepare two typewritten copies of the same, following specifications which may be obtained at the Editor's office. The thesis so prepared shall be presented for acceptance to the member of the instructional staff who has directed the work before 4 p.m. on the Wednesday preceding Commencement. If the thesis is then approved the student shall deposit it in duplicate with the University Editor not later than noon of the Thursday before Commencement, and shall pay to the Editor a fee covering the cost of binding the same.

In case the thesis has already been published, the candidate, instead of following the above procedure, may present two printed copies to the member of the instructional staff who has directed the work not later than 2 p.m on the third Thursday before Commencement Day. The form of printing as well as the contents must be approved by this instructor. If the thesis is so approved the student shall deposit these copies with the University Editor not later than noon of the Thursday before Commencement, and shall pay to the Editor a fee covering the cost of binding the same.

If the candidate completes his work at any time other than the regular Commencement in June, then the procedure as to the approval and presentation of the completed thesis holds as given above except

that appropiate changes in dates must be made. No candidate will be recommended for his degree until these conditions have all been met.

The thesis requirement may be waived by the Graduate Council upon the recommendation of the professor in charge of the major subject. In all cases where the requirement is waived action must be taken prior to the date for the filing of the thesis subject.

Diploma Fee. A fee of ten dollars is charged each person receiving one of the graduate degrees. The fee must be paid to the Bursar before the candidate is recommended to the Board of Trustees for the degree sought.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN PUBLIC HEALTH

The statements given above in reference to the residence requirement, admission to candidacy, examination, and thesis of all candidates for the degrees of Master of Arts and Master of Science, apply also to candidates for the degree of Master of Science in Public Health. The course of study, however, is a fixed one and is as follows:

First Semester			Second Semester		
Public Health Personal Hygiene	(201)	3	Public Health Industrial Hygiene	(202)	3
Public Health Public Health Administration and Public Health Problems	(205)	2	Public Health Preventive Medicine	(204)	2
Public Health Demography	(207)	2	Public Health Social Service and Public Health Nursing	(208)	2
Public Health Communicable Diseases	(209)	3	Public Health Communicable Diseases	(210)	3
Public Health Public Health Engineering	(211)	3	Public Health Public Health Engineering	(212)	3
Public Health Public Health Laboratory and Inspection Methods	(213)	3	Public Health Public Health Laboratory and Inspection Methods	(214)	3
			Public Health Seminary and Thesis	(216)	1

Students interested in the above course will find detailed information in the Bulletin of Public Health and Sanitation, a copy of which will be sent on application to the Entrance Board.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN SOCIAL ADMINISTRATION

The general regulations pertaining to the residence requirement, admission to candidacy, examination, and thesis of all candidates for the degree of Master of Arts and Master of

Science, apply also to candidates for the degree of Master of Science in Social Administration. The course of study, however, is a fixed one and is as follows:

FIRST SEMESTER			SECOND SEMESTER		
Sociology Social Statistics	(135)	3	Sociology Social Statistics	(136)	3
Sociology (Optional) The Assimilation of the Immigrant	(137)	3	Sociology Community Organization	(130)	3
Economics Office Organization and Management	(113)	3	Sociology Community Surveys	(140)	2
Sociology Social Case Work	(149)	2	Sociology Social Case Work	(150)	2
Sociology Graduate Seminary	(207)	2	Sociology Graduate Seminary	(208)	2
Sociology Administration of Social Agencies	(209)	4	Sociology Administration of Social Agencies	(210)	4

REQUIREMENTS FOR PROFESSIONAL ENGINEERING DEGREES

Upon nomination by the Faculty of the College of Engineering, the appropriate professional engineering degree of Architect, Architectural Engineer, Ceramic Engineer, Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer, or Engineer of Mines may be granted to graduates of this University upon any one of the following plans:

Four years of acceptable professional experience and an approved thesis. Not to exceed two years of approved graduate study may be counted as a part of the four years' requirement.

METHOD OF PROCEDURE FOR OBTAINING THE PROFESSIONAL DEGREES

Not later than January 1st of the year in which the applicant desires to register for a professional degree he shall submit to the Dean of the Graduate School a typewritten application for registration, giving in detail the four years of professional experience and showing the character and extent of the material which he proposes to offer as a thesis. This statement will then be referred to the appropriate department and professor who will thereafter have supervision of the thesis work of the applicant.

If the above statement is satisfactory the applicant shall register in the Graduate School not later than the beginning of the second semester and shall pay the regular fees. The applicant being registered

in the Graduate School will be subject to such rules and regulations of the School as apply in the case.

The above degrees will be awarded only at Commencement, at which time it is expected that applicants will be present in person to receive the degree.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Residence Requirement. It is intended that this degree shall be given not as a certificate of faithful and industrious work for a specified length of time, but rather as an evidence of high attainments in scholarship and especially of an ability to carry on independent research in a chosen field. These qualities cannot be secured by less than three years of work devoted wholly to graduate study with suitable facilities and under proper supervision. Of these years at least one and that, except by permission of the Graduate Council, the last, must be spent in residence at this University. In case any part of the work is done elsewhere than in this University, such work shall be subject to the approval of the Graduate Council.

Course of Study. The course of study consists of one major and either one or two minor subjects, and must be approved as a whole by the Graduate Council upon the recommendation of a Committee designated by the Council from the professors in charge of the subjects proposed. In his major study the student is expected to become thoroughly familiar with the general results that have been obtained in the past and by leading contemporary investigators, as well as the methods of research by which these results have been obtained. The minor subjects are prescribed in order to guard the student against the dangers of over-specialization, and to secure for him the benefits to be derived from contact with other subjects and the personalities of other teachers. No choice of minors that disregards these ends will be approved by the Council, nor will one that goes to the other extreme in the selection of subjects which are not obviously related to the student's major work.

Language Requirement. A reading knowledge of two modern languages other than English, sufficient to enable the student to use these languages for the purpose of research in his major work, is required. These must be languages in which there exists a considerable body of works dealing with the student's major subject.

Under normal circumstances they will be French and German, but the Graduate Council may permit a different selection upon the recommendation of the professor in charge of the major subject. This professor may also, in case he judges it necessary, require a reading knowledge of one or more additional languages. The language requirements must be satisfied before the student is admitted to candidacy.

Admission to Candidacy. Towards the end of the second year of graduate work the candidate for the degree of Doctor of Philosophy should file with the Dean of the Graduate School, on a blank provided for the purpose, a formal application for admission to candidacy. By special permission of the Executive Committee of the Council, the filing of the application may be delayed until the opening of the academic year in which the degree is expected, but in no case shall the date of filing be later than October 15th. This application must indicate the candidate's choice of major and minor subjects, and the title of the proposed dissertation, and must bear the endorsement of the professor whom he desires to have placed in charge of his major subject.

Upon receipt of this application, the Dean of the Graduate School shall arrange for preliminary examinations for the purpose of determining the student's acceptability as a candidate for the degree at the end of the ensuing year. These examinations shall include:

First: A demonstration of the student's ability to read the required languages. This examination shall be conducted by a Committee consisting of the head of the department in which the major subject lies, members representing the departments of modern languages, and one other member appointed by the Dean of the Graduate School.

Second: A test of the student's fitness to pursue his studies for the degree in the fields of study selected. This examination shall be conducted by a Committee consisting of one or more representatives from each of the departments of the student's major and minor subjects. The members of the Committee shall be designated by the Dean of the Graduate School. The examination may be partly or wholly oral. Its scope shall cover not only the subject matter of courses taken, but an inquiry into the general qualifications of the candidate. By special arrangement, this test may be made the final examination for a minor or minors which have been completed.

Upon successful completion of the preliminary test, the Dean of the Graduate School shall appoint a similarly constituted Committee to

direct the candidate's further studies. One of the professors in the major fields shall be designated as in charge of the major study. Ordinarily he will be the professor under whose supervision the dissertation is to be prepared.

Final Examinations. The Committee in charge of the candidate's studies shall arrange for and conduct examinations in his major and minor subjects, in case the latter have not been included in the examination, to determine his admission to candidacy. The examination in the major subject shall not be held, except by special permission of the Council, until after the submission of the dissertation. It is desired that these examinations by the Committee shall be chiefly, if not wholly, written, but how far this is practicable shall be left to the determination of the Committee. These examinations shall test not only the work of the candidate in courses taken, but also his general grasp of the major subject and shall also lay distinct emphasis upon topics connected with his dissertation. The Committee shall make a detailed and written report to the Council upon the method and results of the examinations.

Upon presentation of the evidence that these tests have been satisfactorily met, and after the approval of the dissertation, the candidate shall be admitted to an oral examination conducted by the Committee and the Council. This examination shall last for approximately one hour and shall deal with the dissertation and the major subject. At its close the Council shall vote upon the question of recommending the candidate for the degree.

Dissertation. A dissertation which shall make a definite contribution to knowledge of importance sufficient to warrant its publication shall be offered by the candidate. A copy of this dissertation bearing the written approval of the instructor under whose direction the work was done must be presented to the Dean on or before May 1st. The Dean, after consultation with the professor in charge of the major subject, will appoint a Committee to consider the merit of the dissertation. The dissertation, together with the report of this Committee, shall be laid before the Council, who will then vote upon the question of its acceptance.

Publication of the Dissertation. The choice between two methods of procedure is open to the candidate:

(a) He may present to the University one hundred copies of the dissertation printed in acceptable form, complying in form with

specifications obtainable in the office of the Graduate School. These copies must be deposited in the office of the Graduate School not later than the Thursday before Commencement.

(b) Or if the candidate so elect he may deposit duplicate copies of his dissertation, typewritten and complying in form with specifications obtainable in the office of the Graduate School, together with an abstract of the dissertation not exceeding 3,000 words in length. At the same time he must deposit with the Bursar $100 in cash. This deposit will be returned if within two years the one hundred copies of the dissertation required by the University regulations have been deposited in the office of the Graduate School. If the copies have not been so deposited, then the Graduate Council will proceed to print the dissertation, in whole or in part, using the deposit to pay the cost of printing.

GRADUATE WORK IN THE SUMMER SESSION

Graduate students desiring to do a part or all of the work for the Master's degree in the summer time will be interested in the announcement of the courses open to them in the Summer Session of the University and at the Lake Laboratory. Detailed announcements and a statement as to the organization and work of the Summer Session may be had by applying to the Entrance Board for the Summer Session Bulletin.

Candidates for the Master's degree may complete the residence requirement for such degree by pursuing graduate work at the University for four summer sessions of eight weeks each, or by taking three summer sessions at the University and completing between sessions an amount of work equivalent to an additional summer session. In order to receive credit for such *ad interim* work the student, at the close of the summer session, must secure from the instructor under whose supervision the work is to be pursued, an outline of the work proposed and must file a copy of the same in the office of the Graduate School upon a special blank provided for that purpose. The student must report to his instructor from time to time concerning the progress of his work and must pass a satisfactory examination upon the same at the opening of the following summer session. Students pursuing *ad interim* work may secure from the University Library such books as may be necessary for the successful conduct of the work, but will be required to pay for the cost of shipment. Requests for such books should be sent to the Dean of the Graduate School.

THE LAKE LABORATORY

The Lake Laboratory is maintained at Put-in-Bay, Ohio, during the summer, for work in botany, entomology, and zoology. For graduate students in these lines the Laboratory affords exceptional opportunities. The general rules that apply to graduate work carried on at the University during the Summer Session apply equally to the graduate work taken at the Lake Laboratory. The work of instruction is carried on by members of the University Faculty and by members of the faculties of other colleges and universities. Students interested in this work should send to the Entrance Board for the Lake Laboratory Bulletin.

COLLEGE OF HOMOEOPATHIC MEDICINE

CURRICULUM

First Year

First Semester			Second Semester		
Anatomy Gross Anatomy	(121)	6	Anatomy Gross Anatomy	(122)	4
Anatomy Histology and Embryology	(133)	6	Anatomy Histology and Embryology	(134)	4
Materia Medica Principles of Homoeo. Med.	(101)	1	Anatomy Neurology	(136)	4
Physiology Bio-Chemistry	(123)	4	Materia Medica Principles of Homoeo. Med.	(102)	2
			Elective		3

Second Year

Anatomy Applied Anatomy	(127)	3	Materia Medica Elective Affinities	(104)	1
Bacteriology General Bacteriology	(141)	6	Pathology General Pathology	(109)	7
Clinical Diagnosis Physical Diagnosis	(102)	2	Physiology Medical Physiology	(122)	5
Materia Medica Elective Affinities	(103)	1	Surgery, Homoeopathic Principles of Surgery	(101)	2
Physiology Medical Physiology	(121)	5	Materia Medica Laboratory	(110)	3

Third Year

Clinical Diagnosis Laboratory Diagnosis	(103)	4	Clinical Diagnosis Laboratory Diagnosis	(104)	4
Clinical Diagnosis Differential Diagnosis	(107)	2	Clinical Diagnosis Differential Diagnosis	(108)	2
Internal Medicine Diagnostic Clinic	(109)	1	Internal Medicine Diagnostic Clinic	(110)	1
Eye, Ear, Nose and Throat Elementary Course	(105)	2	Eye, Ear, Nose and Throat Elementary Course	(106)	2
Gynaecology	(105)	2	Obstetrics Normal Obstetrics	(106)	2
Gynaecology Clinical Lecture	(109)	1	Gynaecology Clinical Lecture	(110)	1
Internal Medicine Practice of Medicine	(105)	3	Internal Medicine Practice of Medicine	(106)	3
Internal Medicine Pediatrics	(115)	2	Internal Medicine Pediatrics	(116)	2
Internal Medicine Clinical Medicine	(119)	1	Internal Medicine Clinical Medicine	(120)	1
Materia Medica Homoeopathic Therapeutics	(105)	3	Materia Medica Homoeopathic Therapeutics	(106)	3
Surgery, Homoeopathic General Surgery	(105)	2	Surgery, Homoeopathic General Surgery	(106)	2
Materia Medica Clinical Medicine	(113)	1	Materia Medica Clinical Medicine	(114)	1
Surgery Clinical Surgery	(111)	1	Surgery Clinical Surgery	(112)	1

FOURTH YEAR

FIRST SEMESTER

Internal Medicine Diagnostic Clinic	(111)	2
Eye, Ear, Nose, and Throat Operative Course	(107)	2
Gynaecology	(107)	2
Gynaecology Gynaecological Clinic	(111)	1
Internal Medicine Practice of Medicine	(107)	3
Internal Medicine Nervous Diseases	(123)	1
Internal Medicine Dermatology	(113)	1
Materia Medica Homoeopathic Therapeutics	(107)	3
Surgery, Homoeopathic General Surgery	(107)	2
Surgery General Operative	(109)	2
Internal Medicine Pediatric Clinic	(117)	1
Materia Medica Therapeutic Clinic	(111)	2
Materia Medica Clinical Medicine	(113)	1
Obstetrics Obstetrical Clinic	(113)	1
Gynaecology Clinical Lecture	(109)	1
Internal Medicine Clinical Medicine	(119)	1
Surgery, Homoeopathic Clinical Surgery	(111)	1

SECOND SEMESTER

Internal Medicine Diagnostic Clinic	(112)	2
Eye, Ear, Nose, and Throat Operative Course	(108)	2
Gynaecology Gynaecological Clinic	(112)	1
Obstetrics Abnormal	(108)	2
Internal Medicine Practice of Medicine	(108)	3
Internal Medicine Dermatology	(114)	1
Internal Medicine Nervous Diseases	(124)	1
Materia Medica Homoeopathic Therapeutics	(108)	3
Surgery, Homoeopathic General Surgery	(108)	2
Surgery General Operative	(110)	2
Internal Medicine Pediatric Clinic	(118)	1
Materia Medica Therapeutic Clinic	(112)	2
Materia Medica Clinical Medicine	(114)	1
Obstetrics Obstetrical Clinic	(114)	1
Gynaecology Clinical Lecture	(110)	1
Internal Medicine Clinical Medicine	(120)	1
Surgery, Homoeopathic Clinical Surgery	(112)	1

NOTE—Pathology (107) Necropsies. Each student is required to attend and to write complete protocols of at least seven necropsies.

TRAINING SCHOOL FOR NURSES

There is maintained in connection with the Homoeopathic Hospital a Training School for Nurses. The course of study covers three years. Lectures are given by graduate nurses, members of the College Faculty, and professors in the Department of Home Economics. For information write to Miss Jessie Harrod, Homoeopathic Hospital, The Ohio State University, Columbus, Ohio.

SUMMARY OF COURSES AND HOURS

	Course No.	Didactic Hours	Laboratory Hours	Clinic Hours	Total Hours	Credits
Anatomy						
Histology	133—134	85	255	....	340	10
Gross Anatomy	121—122	85	323	....	408	10
Applied Anatomy	127	34	51	....	85	3
Neurology	136	34	102	....	136	4
Bacteriology						
General Medical Bacteriology	141	51	153	....	204	6
Immunity and Serum Therapy	117—118	34	102	....	136	8
Clinical Diagnosis						
Physical Diagnosis	101	34	....	....	34	2
Laboratory Diagnosis	103—104	68	204	....	272	8
Differential Diagnosis	107—108	68	102	....	170	4
Eye, Ear, Nose and Throat						
General	105—106	68	....	....	68	4
Clinical	107—108	34	....	408	442	4
Gynaecology and Obstetrics						
Gynaecology	105	34	....	....	34	2
Obstetrics	106	34	....	....	34	2
Gynaecology	107	34	....	....	34	2
Obstetrics	108	34	....	....	34	2
Clinical Lecture in Gynaecology	109—110	34	....	....	34	2
Gynaecological Clinic	111—112	....	....	204	204	2
Obstetrical Clinic	113—114	....	....	102	102	2
Internal Medicine						
Practice of Medicine	105—106	102	....	....	102	6
Practice of Medicine	107—108	102	....	....	102	6
Diagnostic Clinic	109—110	....	....	102	102	2
Diagnostic Clinic	111—112	....	....	204	204	4
Dermatology	113—114	34	....	....	34	2
Pediatrics	115—116	68	....	....	68	4
Pediatric Clinic	117—118	....	....	204	204	2
Clinical Medicine	119—120	34	....	....	34	2
Nervous Diseases	123—124	34	....	....	34	2
Neuro-psychiatric Clinic	125—126	....	....	68	68	..

SUMMARY OF COURSES AND HOURS (Continued)

	Course No.	Didactic Hours	Laboratory Hours	Clinic Hours	Total Hours	Credits
Materia Medica						
Principles	101–102	51	...	...	51	3
Materia Medica	103–104	34	...	...	34	2
Materia Medica Laboratory	110	...	153	...	153	3
Homoeopathic Therapeutics	105–106	102	...	...	102	6
Homoeopathic Therapeutics	107–108	102	...	...	102	6
Therapeutic Clinic	111–112	...	...	204	204	4
Clinical Medicine	113–114	34	...	...	34	2
Pathology						
General	109	51	221	...	272	7
Physiology						
Medical	121–122	102	238	...	340	10
Bio-Chemistry	123	34	102	...	136	4
Surgery						
Principles	101	34	...	...	34	2
General	105–106	68	...	...	68	4
General	107–108	68	...	...	68	4
General Operative Surgery	109–110	...	...	340	340	4
Clinical Surgery	111–112	34	...	...	34	2

COLLEGE OF LAW

CURRICULUM

First Year

First Semester	Hrs.	Second Semester	Hrs.
Contracts	3	Contracts	3
Torts	3	Torts	3
Property I	2	Property II	2
Common Law Pleading	2	Bailments and Public Service Companies	2
Criminal Law	3	Agency	2
		Domestic Relations	2

Second Year

Property III A	2	Property IV B	2
Equity I	2	Equity II	2
Evidence	2	Evidence	2
Judgments	2	Federal Jurisdiction and Procedure	2
Code Pleading	3	Insurance	2
Quasi Contracts	2	Mortgages	2
Damages	2	Trusts	2
Carriers and Interstate Commerce Law	2	Sales	2
		Partnership	2

Third Year

Constitutional Law I A	3	Constitutional Law II B	2
Private Corporations	2	Private Corporations	2
Practice A	2	Practice B	2
Property V A	2	Property VI B	2
Equity III	2	Public Corporations	2
Bankruptcy	1	Suretyship	2
Criminal Procedure	1	Ohio Appellate Practice	1
Negotiable Instruments	3	Conflict of Laws	2
		Legal Ethics (5 lectures)	

Where a course in the first semester has after it the letter A and a course bearing the same name in the second semester has after it the letter B, it means that such courses may be elected separately. Where such courses bearing the same name throughout the year have no such letters after them, it means that such courses shall not be elected separately but if elected at all must be elected for both semesters.

The work of the first year is all required. The work of the second and third years is all elective. Third year students may also elect from second year subjects not already taken. Second and third year students must elect not less than twelve or more than fourteen hours,

but the Executive Committee may in exceptional cases grant a larger number of hours.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the curriculum as outlined above, including the last year in residence in the College of Law of this University, the student will be recommended for the degree, Bachelor of Laws (LL.B.).

The degree of Juris Doctor (J.D.) will be conferred on all who, having the degree of Bachelor of Arts or an equivalent degree from an approved college or university, have completed the course in Law with merit in at least thirty-eight semester hours, and have been in attendance at this College of Law during the entire last two years of the course and have taken at least forty-eight semester hours in such last two years.

COLLEGE OF MEDICINE

CURRICULUM

First Year

First Semester

Anatomy Human Anatomy	(121)	6
Anatomy Histology and Embryology	(133)	6
Physiology Bio-Chemistry	(123)	4
Materia Medica	(131)	2

Second Semester

Anatomy Human Anatomy	(122)	4
Anatomy Histology and Embryology	(134)	4
Anatomy Neurology	(136)	4
Materia Medica	(132)	3
*Elective		3

Second Year

Anatomy Applied Human Anatomy	(127)	3
Bacteriology Medical Bacteriology	(141)	7
Physiology	(121)	5
Surgery Minor Surgery	(104)	2
*Elective		2
Pathology	(109)	7
Physiology	(122)	5
Physiology Pharmacology	(130)	4
Medicine Physical Diagnosis	(104)	2

Third Year

Surgery General	(101)	5
Ophthalmology	(101)	2
Medicine General and Clinical	(101)	5
Pathology Clinical Pathology	(119)	2
Medicine Nervous Diseases	(106)	2
Oto-Laryngology	(105)	2
Surgery General	(102)	5
Medicine General and Clinical	(102)	5
Medicine Genito-Urinary Diseases	(126)	2
Medicine Dermatology	(108)	2
Obstetrics	(102)	2
Surgery Gynecology	(106)	2
Pathology Clinical Pathology	(120)	1

*Subject to approval of Executive Committee.

FOURTH YEAR

FIRST SEMESTER

Surgery Conference Clinics	(127)	1
Medicine General and Clinical	(113)	2
Public Health Preventive Medicine	(115)	2
Medicine Pediatrics	(121)	2
Obstetrics	(105)	2
Surgery Orthopedic Surgery	(116)	1
Surgery Operative Surgery	(111)	1
Hospital Ward Clinics Medicine and Surgery	(101)	4
Dispensary Clinics	(103)	2
*Electives		1

SECOND SEMESTER

Surgery Conference Clinics	(128)	1
Medicine General and Clinical	(114)	2
Medicine Pediatrics	(122)	1
Obstetrics	(106)	3
Medicine Psychiatry	(118)	1
Hospital Ward Clinics Medical and Surgery	(102)	4
Dispensary Clinics	(104)	2
Pathology Surgical or Medical	(103) or (104)	2
Medical Law	(101)	1
Medical Economics		1

ATTENDANCE

In any course the minimum of attendance for which credit is allowed is 85 per cent of the scheduled hours. The margin of 15 per cent is allowed to provide against serious illness or other unavoidable absence. Regular attendance upon scheduled work is required, and the Executive Committee is authorized to place on probation or recommend for dismissal any student who violates this rule without good cause. Absences just preceding or just following vacations are subject to especially rigid investigation.

EXAMINATIONS

Practical examinations in addition to the regular written examinations are held in the second semester of the fourth year in the following subjects: pathology, surgery and gynaecology, medicine, obstetrics, ophthalmology, and oto-laryngology.

Before being recommended by the Faculty for graduation, each Senior must successfully pass the practical as well as the written examination.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined the student will be recommended for the degree, Doctor of Medicine.

*Subject to approval of Executive Committee.

1921-1922

SUBJECT	Year	First Semester					Second Semester					Grand Total Hours			
		Course No.	Didc. Hrs.	Lab. Hrs.	Total Hrs.	Credit Hrs.	Course No.	Didc. Hrs.	Lab. Hrs.	Total Hrs.	Credit Hrs.	Didc. Hrs.	Lab. Hrs.	Total Hrs.	Credit Hrs.
Anatomy															
Human Anatomy	1	121	48	176	224	6	122	32	128	160	4	80	304	384	10
Applied Human Anatomy	2	127	32	48	80	3	.....	.....	.....	.....	.....	32	48	80	3
Histology and Embryology	1	133	48	144	192	6	134	32	96	128	4	80	240	320	10
Neurology	1	.....	.....	.....	.....	.....	136	32	96	128	4	32	96	128	4
Vertebrate Embryology (Elective)	1	103	16	192 384	208 400	3 to 5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gen. Microscopic Technique (Elective)	1	149	16	144 240	160 256	3 to 5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Special Microscopic Technique (Elective)	1	.....	.....	.....	.....	.....	150	16	240 384	256 400	3 to 5	.....	.....	.....	.....
Special Advanced Anatomy (Elective)		.....	.....	.....	.....	.....	152	16	288	304	3	.....	.....	.....	.....
Physiology															
Physiology	2	121	48	160	208	5	122	48	160	208	5	96	326	416	10
Physiology—Bio-Chemistry	1	123	32	96	128	4	.....	.....	.....	.....	.....	32	96	128	4
Physiology—Pharmacology	2	.....	.....	.....	.....	.....	130	32	96	128	4	32	96	128	4
Physiology—Foods	2	.....	.....	.....	.....	.....	139	32	.....	32	2	32	.....	32	2
Materia Medica															
Materia Medica	1	131	32	.....	32	2	132	32	48	80	3	64	48	112	5
Bacteriology															
Medical Bacteriology	2	141	64	192	256	6	.....	.....	.....	.....	.....	64	192	256	6
Immunity and Serum Therapy (Elective)	2	117	32	.....	32	2	118	32	96 144	128 176	2 to 5	.....	.....	.....	.....
Pathogenic Protozoa (Elective)	2	119	32	.....	32	2	120	32	.....	32	2	.....	.....	.....	.....
Special Problems in Bacteriology (Elective)	2	125	16	96 144 192	112 160 208	3 to 5	126	16	96 144 192	112 160 208	3 to 5	.....	.....	.....	.....

SCIENCE NURSING

The Science Nursing curriculum is offered by the Ohio State University in co-operation with the Protestant Hospital Training School for Nurses. The work in this curriculum parallels closely the first three years of the curriculum in Home Economics and the three-year curriculum in Nursing of the Protestant Hospital Training School for Nurses.

The graduates of this course will be eligible for admission to the state examination for the registration of nurses.

Upon the satisfactory completion of the work prescribed in the Ohio State University and the Protestant Hospital Training School for Nurses the student will be recommended for the degree of Bachelor of Science and a diploma in Nursing.

CURRICULUM IN SCIENCE NURSING

FIRST YEAR

At the University and the Protestant Hospital

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(105) or (109)	4	Chemistry	(106) or (110)	4
English Paragraph Writing	(101)	2	English Paragraph Writing	(104)	2
Anatomy Elementary	(101)	3	Anatomy Digestive System	(116)	3
Psychology Elementary	(101)	3	Psychology	(102)	3
*Science Nursing	(101)	2	*Science Nursing	(102)	2
Engineering Drawing Mechanical Drawing	(127)	1½	Engineering Drawing House Planning	(128)	1½
Bibliography	(103)	½	Bibliography	(102)	1
Physical Education Hygiene	(100)	1	Physical Education	(132)	1
Physical Education	(131)	1			

At the close of the second semester of the first year the student will report immediately to the Protestant Hospital Training School for Nurses for the first summer period of eight weeks. A month's vacation will be arranged before the opening of the first semester of the second year.

FIRST SUMMER PERIOD

At the Protestant Hospital

Science Nursing Drugs and Solutions	(103)	1
Science Nursing Hospital Ward Duty	(104)	8

*All students enrolled in the Science Nursing Course will report to the Protestant Hospital every Saturday morning from eight to twelve o'clock during the first and second semesters.

SECOND YEAR

At the University

FIRST SEMESTER			SECOND SEMESTER		
Chemistry Organic Chemistry	(127)	4	Agricultural Chemistry Household Chemistry	(123)	4
Physiology	(101)	3	Physiology	(102)	3
Home Economics Foods	(101)	5	Home Economics Foods	(102)	5
Bacteriology	(107)	4	Bacteriology	(108)	4
Physical Education	(133)	1	Physical Education	(134)	1

At the close of the second semester of the second year the student will report immediately to the Protestant Hospital Training School for Nurses for the second summer period of eight weeks. A vacation period of one month will be arranged.

SECOND SUMMER PERIOD

At the Protestant Hospital

Science Nursing Hospital Ward Duty	(119)	8

THIRD YEAR

At the Protestant Hospital			*At the University*		
Science Nursing Elements of Pathology	(111)	2	Agricultural Chemistry Household Chemistry	(124)	4
Science Nursing Medical Nursing	(113)	2	Sociology	(101)	3
Science Nursing Surgical Nursing	(115)	1	Economics The Household	(120)	3
Science Nursing Materia Medica	(117)	1	Public Health Public Health Problems	(121)	2
Science Nursing Hospital Ward Duty	(123)	8	Public Speaking Debating	(102)	2
			Science Nursing Proseminary in Case Studies	(122)	2

At the close of the second semester of the third year the student will report immediately to the Protestant Hospital Training School for Nurses for the third summer period of eight weeks. A month's vacation will be arranged.

THIRD SUMMER PERIOD

At the Protestant Hospital

Science Nursing Hospital Ward Duty	(141)	8

SCIENCE NURSING

The Science Nursing curriculum is offered by the Ohio State University in co-operation with the Protestant Hospital Training School for Nurses. The work in this curriculum parallels closely the first three years of the curriculum in Home Economics and the three-year curriculum in Nursing of the Protestant Hospital Training School for Nurses.

The graduates of this course will be eligible for admission to the state examination for the registration of nurses.

Upon the satisfactory completion of the work prescribed in the Ohio State University and the Protestant Hospital Training School for Nurses the student will be recommended for the degree of Bachelor of Science and a diploma in Nursing.

CURRICULUM IN SCIENCE NURSING

FIRST YEAR

At the University and the Protestant Hospital

FIRST SEMESTER			SECOND SEMESTER		
Chemistry	(105) or (109)	4	Chemistry	(106) or (110)	4
English Paragraph Writing	(101)	2	English Paragraph Writing	(104)	2
Anatomy Elementary	(101)	3	Anatomy Digestive System	(116)	3
Psychology Elementary	(101)	3	Psychology	(102)	3
*Science Nursing	(101)	2	*Science Nursing	(102)	2
Engineering Drawing Mechanical Drawing	(127)	1½	Engineering Drawing House Planning	(128)	1½
Bibliography	(103)	½	Bibliography	(102)	1
Physical Education Hygiene	(100)	1	Physical Education	(132)	1
Physical Education	(131)	1			

At the close of the second semester of the first year the student will report immediately to the Protestant Hospital Training School for Nurses for the first summer period of eight weeks. A month's vacation will be arranged before the opening of the first semester of the second year.

FIRST SUMMER PERIOD

At the Protestant Hospital

Science Nursing Drugs and Solutions	(103)	1
Science Nursing Hospital Ward Duty	(104)	8

*All students enrolled in the Science Nursing Course will report to the Protestant Hospital every Saturday morning from eight to twelve o'clock during the first and second semesters.

SECOND YEAR

At the University

FIRST SEMESTER			SECOND SEMESTER		
Chemistry Organic Chemistry	(127)	4	Agricultural Chemistry Household Chemistry	(123)	4
Physiology	(101)	3	Physiology	(102)	3
Home Economics Foods	(101)	5	Home Economics Foods	(102)	5
Bacteriology	(107)	4	Bacteriology	(108)	4
Physical Education	(133)	1	Physical Education	(134)	1

At the close of the second semester of the second year the student will report immediately to the Protestant Hospital Training School for Nurses for the second summer period of eight weeks. A vacation period of one month will be arranged.

SECOND SUMMER PERIOD

At the Protestant Hospital

Science Nursing Hospital Ward Duty	(119)	8

THIRD YEAR

At the Protestant Hospital			*At the University*		
Science Nursing Elements of Pathology	(111)	2	Agricultural Chemistry Household Chemistry	(124)	4
Science Nursing Medical Nursing	(113)	2	Sociology	(101)	3
Science Nursing Surgical Nursing	(115)	1	Economics The Household	(120)	3
Science Nursing Materia Medica	(117)	1	Public Health Public Health Problems	(121)	2
Science Nursing Hospital Ward Duty	(123)	8	Public Speaking Debating	(102)	2
			Science Nursing Proseminary in Case Studies	(122)	2

At the close of the second semester of the third year the student will report immediately to the Protestant Hospital Training School for Nurses for the third summer period of eight weeks. A month's vacation will be arranged.

THIRD SUMMER PERIOD

At the Protestant Hospital

Science Nursing Hospital Ward Duty	(141)	8

FOURTH YEAR

FIRST SEMESTER *At the Protestant Hospital*			SECOND SEMESTER *At the University*		
Science Nursing Gynecological Nursing	(125)	1	Home Economics Dietetics	(110)	4
Science Nursing Orthopedic Nursing	(127)	1	Home Economics Household Management	(119)	4
Science Nursing Obstetrical Nursing	(129)	2	Public Health Public Health Nursing	(106)	2
Science Nursing Nursing in Diseases of Infants and Children	(131)	2	Public Health Preventive Medicine	(110)	2
Science Nursing Nursing in Communicable Diseases	(133)	2	Sociology Needy Families and Children	(112)	4
Science Nursing Nursing in Diseases of the Eye, Ear, Nose, and Throat	(135)	1			
Science Nursing Operating Room Technic	(137)	1			
Science Nursing Hospital Ward Duty	(139)	6			

At the close of the second semester of the fourth year the student will report immediately to the Protestant Hospital Training School for Nurses for the completion of the course in Nursing. A vacation will be arranged.

FIFTH YEAR

The work of the fifth year will cover two semesters and will be divided between the Protestant Hospital Training School for Nurses and the University. The student will be permitted to make a selection of the field of nursing in which she wishes to specialize. The courses selected must aggregate not less than sixteen credit hours for each semester, and must include a definite amount of nursing courses to be determined by conference between the heads of the respective departments. Elective courses, divided into field and classroom work, may be arranged covering the following:

1. Public Health Nursing
2. Home Economics
3. Social Service
4. Teaching in Schools of Nursing Training

The curriculum for Public Health Nursing is in the College of Medicine.

The curriculum for Home Economics is in the College of Agriculture.

The curriculum for Social Service is in the College of Commerce and Journalism.

The curriculum for Teaching in Schools of Nursing Training is in the College of Education.

For fuller description of these curricula see the bulletins of the respective colleges.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the work described above the student will be recommended for the degree of Bachelor of Science and a diploma in Nursing, and for the satisfactory completion of any of the curricula elected in the fifth year the respective certificate, diploma, or other form of recognition regularly granted therefor.

PUBLIC HEALTH NURSING

The principal object of the course is to supplement the training received by women in recognized training schools for nurses, in order to further prepare them to take up the work of public health nursing in cities and rural communities.

Preliminary training for this service is as essential to a full understanding of the manifold problems, as it is for any other of the applied sciences. Opportunities for the first-hand study of public health nursing work are offered students in this course. The files, records, and reports in the office of the State Supervising Nurse, and the Division of Hygiene of the State Department of Health afford information where the student may study the public health nursing work in any section or locality in the State of Ohio.

In addition, close affiliation with local nursing and social service organizations in the City of Columbus affords an opportunity for the student to observe the actual conduct of the daily work of these organizations. Such organizations as the Instructive District Nursing Association, the Ohio Public Health Association, the Medical Inspection Department of the Board of Education, the Juvenile Court, the Bureau of Juvenile Research, the Associated Charities, and the hospitals and dispensary of the Medical College of the University, all in the City of Columbus, indicate the scope of field work available for the student.

CURRICULUM IN PUBLIC HEALTH NURSING

FIRST SEMESTER			SECOND SEMESTER		
*English	(101)	2	Public Health Preventive Medicine	(110)	2
*Sociology Principles of Sociology	(101)	3	Public Health Seminary in Public Health Nursing	(118)	2
Public Health Principles of Public Health Nursing	(105)	2	Public Health Principles of Public Health Nursing	(106)	2
Public Health Public Health Problems	(121)	2	Public Health Public Health Nursing Field Work	(108)	7
Public Health Public Health Nursing Field Work	(107)	7	*Home Economics Survey of Home Economics	(125)	3

*Students who have completed one or more of these courses will be permitted to elect an equal amount of other work, subject to the approval of the Executive Committee.

RESIDENCE REQUIREMENT

A residence of one year wholly devoted to this work is required.

CERTIFICATE

A certificate in Public Health Nursing will be issued by the University to each graduate nurse who completes satisfactorily the full curriculum.

EXAMINATION

Each student is required to pass a final examination upon all work included in the curriculum of study.

INDUSTRIAL MEDICINE

The principal object of this course is to prepare graduates in Medicine, both young women and men, to become medical directors and supervisors in industrial establishments. Stress is laid upon the fundamentals of hygiene and sanitation as they apply to industry.

The student in the course in Industrial Medicine will receive graduate credit for those courses which are recognized as graduate courses by the Graduate School of the Ohio State University. Not enough work of purely graduate character is stipulated, however, to secure the Master's degree in the time allotted, nor is a thesis required, so that the Certificate of Graduate in Industrial Medicine is the recognition for the satisfactory completion of this program.

Seniors in the College of Medicine may register for this course with the permission of the Executive Committee of the College. A minimum of thirteen hours work each semester for one collegiate year is required to obtain the certificate in one year's time. Physicians registered in this course are encouraged to form industrial relations with establishments in or near Columbus for practical experience. While a preliminary hospital internship would be advisable, supervised work in establishments offers an industrial internship. It will be noted that practically all of the classroom work of this course comes in the morning hours, which leaves the remainder of the day for practical work in industrial medical services in local establishments.

CURRICULUM IN INDUSTRIAL MEDICINE

First Semester			Second Semester		
Public Health Public Health Problems and Administration	(205)	2	Public Health Industrial Hygiene	(202)	3 to 5
Public Speaking	(101)	2	Surgery Industrial Surgery	(118)	2 to 5
Surgery Industrial Surgery	(117)	2 to 5	Psychology Industrial Psychology	(127)	2
Economics Principles of Statistics	(177)	3	Sociology Principles of Sociology	(102)	3
Psychology Abnormal Psychology	(157)	1	Electives (In cooperating departments)		3
Sociology Principles of Sociology	(101)	3			
Physiology Evaluation of Diets	(139)	2			

Residence Required. A residence of one year devoted to this work is required.

Examination. Each candidate for the Certificate is required to pass the regular examinations and to complete all work included in each of the courses of study prescribed.

Certificate. The Certificate of Graduate in Industrial Medicine will be issued by the University for the successful completion of the requirements of this curriculum.

Graduation Fee. A fee of five dollars, to cover expense of graduation, is required of each person receiving the Certificate of Graduate in Industrial Medicine from the University. This fee must be paid to the Bursar on or before the last Wednesday before Commencement. A fee of ten dollars is charged each person who completes enough work to receive the degree of Master of Science or any of the higher graduate degrees.

COLLEGE OF PHARMACY

FOUR-YEAR CURRICULUM

First Year

First Semester			Second Semester		
Chemistry Elementary Chemistry	(105 or 109)	4	Chemistry Qualitative Analysis	(106 or 110)	4
German	(101)	4	German	(102)	4
Mathematics	(121)	3	Mathematics	(122)	3
English	(101)	2	English	(104)	2
Botany General Botany	(101)	3	Botany General Botany	(102)	3
Military Science		1	Military Science		1
Physical Education Hygiene	(100)	1	Physical Education		1
Physical Education		1			

Second Year

Chemistry Quantitative Analysis	(119)	4	Chemistry Quantitative Analysis	(120)	4
Pharmacy Theory and Practice	(101)	4	Pharmacy Operative Pharmacy	(102)	5
Physics	(105)	4	Physics	(106)	4
Chemistry Advanced General Chemistry	(113)	2	Chemistry Advanced General Chemistry	(114)	2
German	(103)	4	Chemistry Chemical Problems	(124)	1
Engineering Drawing Elementary Drawing	(129)	1	Engineering Drawing Elementary Drawing	(130)	2
Military Science		1	Military Science		1

Third Year

Pharmacy Pharmaceutical Chemistry	(103)	5	Pharmacy Prescription Practice	(104)	5
Pharmacy Materia Medica	(105)	3	Pharmacy Materia Medica	(106)	3
Physiology	(101)	3	Physiology	(102)	3
Chemistry Organic Chemistry	(151)	2	Chemistry Organic Chemistry	(152)	2
Chemistry Organic Chemistry Laboratory	(153)	2	Chemistry Organic Chemistry Laboratory	(154)	2
Bacteriology General Bacteriology	(107)	4	Bacteriology Pathogenic Bacteria	(108)	4

Fourth Year

Geology General Geology	(168)	3	Pharmacy Pharmaceutical Analysis	(108)	5
Pharmacy Pharmaceutical Assaying	(107)	5	Pharmacy Pharmacognosy	(112)	3
Pharmacy Pharmacognosy	(111)	3	Pharmacy Toxicology	(114)	3
Thesis			Pharmacy Reagents	(116)	2
Elective		3 to 5	Mineralogy Thesis	(102)	3

THESIS

As a requisite for graduation each candidate in the College of Pharmacy must present an acceptable thesis, embodying the results of a special study. The subject of this study must lie within the field of the degree sought. The subject must be filed with the head of the department under whose direction the work is done on the official blank provided for the purpose, not later than December 15th of the University year in which the degree is sought. The completed thesis must be submitted to the professor who has directed the work not later than the second Thursday before Commencement Day for final approval.

If the thesis is then approved the student shall deposit two copies of it with the University Editor not later than noon of the Thursday before Commencement, and shall pay to the Editor a fee covering the cost of binding the same.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the four-year curriculum as outlined the student will be recommended for the degree, Bachelor of Science in Pharmacy.

TWO-YEAR CURRICULUM

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Chemistry Elementary Chemistry	(105 or 109)	4	Chemistry Qualitative Analysis	(106 or 110)	4
Pharmacy Prescription Latin	(119)	4	Pharmacy Pharmacognosy	(120)	3
Pharmacy Theory and Practice	(101)	4	Pharmacy Operative Pharmacy	(102)	5
Pharmacy Pharmacognosy	(109)	3	Pharmacy Pharmacognosy	(110)	3
Pharmacy Problems	(113)	1	Military Science		1
Military Science		1	Physical Education		1
Physical Education Hygiene	(100)	1			
Physical Education		1			

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Pharmacy Pharmaceutical Chemistry	(103)	5	Pharmacy Prescription Practice	(104)	5
Pharmacy Materia Medica	(105)	3	Pharmacy Materia Medica	(106)	3
Chemistry Organic Chemistry	(150)	5	Pharmacy Toxicology	(114)	3
Chemistry Quantitative Analysis	(121)	4	Pharmacy Reagents	(116)	2
Physiology Human Anatomy and Physiology	(107)	3	Bacteriology	(102)	2
Military Science		1	Pharmacy General Pharmacy	(122)	2
			Pharmacy Current Literature	(124)	1
			Military Science		1

REQUIREMENTS FOR A CERTIFICATE

Upon the satisfactory completion of the two-year curriculum as outlined the student will be recommended for the Certificate of Pharmaceutical Chemist.

COLLEGE OF VETERINARY MEDICINE

CURRICULUM

First Year

First Semester

Chemistry	(105 or 109)	4
Anatomy Histology	(143)	5
Veterinary Medicine Anatomy	(101)	5
Military Science		1
Physical Education Hygiene	(100)	1
Physical Education	(101)	1

Second Semester

Chemistry	(106 or 110)	4
Anatomy Embryology	(142)	4
Veterinary Medicine Anatomy	(102)	7
Military Science		1
Physical Education	(102)	1

Second Year

Bacteriology General Bacteriology	(131)	4
Chemistry Organic Chemistry	(150)	3
Physiology Comparative Physiology	(114)	4
Veterinary Medicine Anatomy	(135)	6
Veterinary Medicine Materia Medica and Therapeutics	(107)	3
Military Science		1
Bacteriology Pathogenic Bacteriology	(132)	4
Physiology Chemical Physiology	(106)	4
Veterinary Medicine Anatomy	(136)	6
Veterinary Medicine Materia Medica and Therapeutics	(108)	4
Military Science		1

Third Year

Veterinary Medicine General Pathology	(105)	5
Veterinary Medicine General Surgery	(120)	3
Veterinary Medicine Diseases of Small Animals	(115)	5
Veterinary Medicine Physical Diagnosis	(127)	3
Veterinary Medicine Clinic	(119)	3
*Veterinary Medicine Applied Anatomy	(134)	2
Veterinary Medicine Pathology	(140)	5
Veterinary Medicine Horseshoeing	(109)	3
Veterinary Medicine Sporadic Diseases of Large Animals	(126)	5
Veterinary Medicine Laboratory Diagnosis	(142)	2
Veterinary Medicine Clinic	(118)	3
*Animal Husbandry Types and Breeds of Live Stock	(132)	3
*Dairying	(104)	2

*Electives.

FOURTH YEAR

FIRST SEMESTER			SECOND SEMESTER		
Veterinary Medicine Pathology	(137)	3	Veterinary Medicine Pathology	(138)	3
Veterinary Medicine Special Surgery	(133)	4	Veterinary Medicine Special Surgery	(132)	4
Veterinary Medicine Infectious Diseases of Large Animals	(143)	5	Veterinary Medicine Obstetrics	(111)	3
Veterinary Medicine Clinic	(123)	3	Veterinary Medicine Hygiene and Sanitation	(144)	3
*Animal Husbandry Feeds and Feeding	(133)	3	Law Jurisprudence		1
*Bacteriology Serum Therapy	(117)	3–5	*Bacteriology Serum Therapy	(118)	3–5
*Bacteriology Pathogenic Protozoa	(119)	3–5	*Bacteriology Pathogenic Protozoa	(120)	3–5
*Veterinary Medicine Operative Practice	(121)	1	*Veterinary Medicine Clinic	(124)	3
*Veterinary Medicine Meat Inspection	(122)	3			

Not more than three hours may be elected each semester in the fourth year from the list of elective subjects and credit must be obtained for any elective taken.

*Electives.

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined the student will be recommended for the degree of Doctor of Veterinary Medicine.

INDUSTRIAL MEDICINE

CURRICULUM—PAGE 280

PUBLIC HEALTH NURSING

CURRICULUM—PAGE 279

PUBLIC HEALTH AND SANITATION

CURRICULUM—PAGE 258

SCIENCE NURSING

CURRICULUM—PAGE 276

SOCIAL ADMINISTRATION

CURRICULUM—PAGE 259

APPLIED OPTICS

CURRICULUM

First Year

First Semester			Second Semester		
Chemistry Elementary or General Chemistry	(105 or 109)	4	Chemistry Elementary or General Chemistry	(106 or 110)	4
English Description and Narration	(101)	2	English Exposition and Argumentation	(104)	2
Engineering Drawing Elementary Mechanical Drawing	(101)	2	Engineering Drawing Mechanical Drawing	(102)	3
Anatomy	(125)	4	Anatomy	(126)	4
Anatomy Histology	(139)	3	Anatomy Histology	(140)	2

Second Year

Physics General Physics	(103 or 105)	4	Physics General Physics	(104 or 106)	4
Physiology	(127)	3	Physiology	(128)	3
Mathematics College Algebra and Trigonometry	(121)	3	Mathematics Trigonometry and Analytical Geometry	(122)	3
Pathology	(135)	3	Bacteriology	(150)	4
*Elective		3	*Elective		3

Third Year

Anatomy The Eye	(145)	4	Optics Vision Optics	(116)	4
Psychology Elementary Psychology	(103)	2	Psychology Elementary and Experimental Psychology	(104)	3
Optics Theoretical Optics	(107)	4	Optics Theoretical Optics	(108)	5
Optics Vision Optics	(115)	2	*Elective		3
Physiology The Eye	(161)	3			
Optics Mechanical Optics	(110)	2			
*Elective		3			

Fourth Year

Optics Theoretical Applied Optics	(133)	4	Optics Mechanical Optics	(129)	2
Pathology The Eye	(141)	3	Optics Theoretical Applied Optics	(134)	4
Optics Clinical Practice	(147)	4	Pathology The Eye	(142)	3
*Elective		3	Optics Clinical Practice	(148)	4
			*Elective		3

REQUIREMENTS FOR A DEGREE

Upon the satisfactory completion of the course as outlined above, or what is deemed to be its equivalent, the student will be recommended for the degree of Bachelor of Science in Applied Optics.

*All electives shall be subject to the approval of the Professor of Applied Optics.

THE SUMMER SESSION

A REGULAR SESSION OF THE UNIVERSITY

The Summer Session of the University is just as much a regular session as is the first or second semester, and the same general rules concerning entrance, credits, and graduation requirements apply equally to both.

The Session begins Monday, June 20th, and closes Friday, August 12th, 1921. It is just half a semester in length. The credit hours listed in each departmental course refer to semester hours; and since the number of weeks devoted to the course is just half a semester, the number of hours devoted each week to the course is doubled. Eight credit hours constitute a full schedule, but this may be increased by one additional hour in special cases.

Instruction will begin in all departments on June 21st, and except where otherwise indicated in the departmental announcements, will continue for eight weeks.

PURPOSES OF THE SUMMER SESSION

The special aim of the Summer Session is to place the extensive equipment of the University at the service of those who cannot be in residence during the first and second semesters. The work, however, has been planned especially to meet the needs of two classes of students, namely, (a) those engaged in public school education and (b) graduate students.

THE SCOPE OF THE WORK OF THE COLLEGE OF EDUCATION

The number and variety of professional courses for teachers greatly exceed those offered in any previous summer session. The courses in School Administration, Principles of Education, Educational Psychology, Mental and Educational Tests, and Industrial Education are greatly extended. Courses will also be offered in Art, Music, and Physical Education. These courses are intended primarily for teachers now in service, and for prospective teachers.

GRADUATE WORK

Special provision is made in the Summer Session for teachers already holding a bachelor's degree to pursue advanced lines of work

either as special students or as candidates for a higher degree. The increased demand for graduate work in the University has led to the organization of a separate school known as the Graduate School, which has under its supervision all of the graduate work offered in the University. Attention is especially called to the fact that students holding a degree from an approved college may satisfy the residence requirement for the degree of Master of Arts by attending three summer sessions, provided a satisfactory amount of additional work is carried on between sessions under the supervision of the departments concerned. It is thus possible for a student whose training is such as to enable him to begin graduate work, to secure the degree, Master of Arts, by attending three summer sessions. This rule applies to graduate students only.

Further information concerning graduate work may be obtained by addressing the Dean of the Graduate School.

COLLEGE STUDENTS

A limited number of courses will be found which will enable students now enrolled in this University or in other colleges and universities not offering courses during the summer, to earn advanced credit and remove conditions. The shops are open to those students whose courses require summer shopwork and to such who desire to do advanced or extra work of this character.

UNIVERSITY CREDITS

The maximum amount of work that may be carried for credit is eight semester hours except upon the approval of the executive committee of the college in which the student is registered.

A course satisfactorily completed will carry with it the credit indicated in the announcement of the course.

DEGREES

Full university credit is given for summer session work toward the degrees offered by the various colleges. For information on requirements for degrees see the college curricula. The requirement of not less than one year's residence in this University may be satisfied by four summer sessions or by two summer sessions and one semester. For the residence requirement of graduate students see page 256.

Those desiring to work for a bachelor's degree should secure through the Entrance Board, a copy of the appropriate college bulletin.

Those desiring to work toward an advanced degree should secure a copy of the Bulletin of the Graduate School.

ANNOUNCEMENT OF COURSES

A list of courses offered in each department during the Summer Session of 1921 follows the regular statement of courses under the Departments of Instruction.

All courses are given for eight weeks, unless otherwise stated Credit courses are given their regular University numbers.

THE LAKE LABORATORY

The Lake Laboratory is designed to afford the best possible opportunity to investigators, teachers, and advanced students for investigation and instruction in the biology of the Lake Erie region, with particular reference to aquatic conditions. It also provides a meeting ground for biologists. Opportunities for research work are exceptionally good. Certain courses are offered, but these are not meant to duplicate exactly what is given at the University. They are intended to give a first-hand knowledge of animals and plants in their natural surroundings. They thus form an almost indispensable supplement to the more strictly laboratory type of university and college training in biology.

The course of instruction will open Monday, June 20th, and will close Saturday, July 30th. The Laboratory will be open for a longer period to investigators who may desire to make use of its facilities. Students should arrive in time to be prepared to attend classes on the opening day.

FACILITIES

The Laboratory has excellent quarters in the Fish Hatchery Building, owned by the State of Ohio. The second floor of this building furnishes ample room for lecture and table space. On the ground floor there are large aquaria and several tiers of hatching jars supplied with running water. Microscopes, glassware, aquatic collecting apparatus and other general laboratory equipment are supplied from the University. The Laboratory owns a small gasoline

Note—A bulletin describing more fully the facilities offered at the Laboratory may be secured by addressing the Entrance Board, The Ohio State University, Columbus.

launch and row boats. In addition to this the boats and field equipment of the Fish Hatchery will be available. There is a large boat which will enable workers to visit any part of Lake Erie.

The library of the Laboratory is supplied with the standard books of reference. There is also a large number of reprints from the United States Bureau of Fisheries, the publications of biological surveys from various states, and the papers of individual workers.

FEES

The total Laboratory fee is fixed at $20 for a term of six weeks' instruction. Each course is expected to occupy half of the time available, therefore each student, on payment of one fee, will be entitled to any two of the courses offered. No charge is made to independent investigators, who may enroll at any time.

COURSES OF STUDY

The courses of study offered in the Lake Laboratory, 1921, follow the regular statement of courses under Departments of Instruction. See Botany, Zoology and Entomology.

UNIVERSITY CREDIT

Students with university standing may secure three semester hours' credit in the University for each course. In special cases the time given to a course may be doubled, in which case six semester hours' credit is given. Research students may make arrangements to continue the work for two additional weeks with credit. Credits may be transferred under the usual regulations to other institutions.

DEPARTMENTS OF INSTRUCTION

AGRICULTURAL CHEMISTRY AND SOILS

Office, 203 Townshend Hall

PROFESSORS VIVIAN, LYMAN, AND BEAR, ASSISTANT PROFESSORS PHILLIPS AND WATSON, MR. McCLURE, MR. CONREY, AND DEPARTMENT ASSISTANTS

AGRICULTURAL CHEMISTRY

101. General Agricultural Chemistry Laboratory. Two credit hours. First semester. Two laboratory periods each week. Four-year courses in Agriculture and Horticulture. Prerequisite, Chemistry 106 or 110. To be preceded or accompanied by Agricultural Chemistry 103.

103. General Agricultural Chemistry. Three credit hours. First semester. Two lectures and quiz each week. Four-year courses in Agriculture and Horticulture. Prerequisite, Chemistry 106 or 110.

107-108. Dairy Chemistry. Three to five credit hours. The year. Prerequisite, two years of chemistry including Agricultural Chemistry 103 and 101.

***111-112. Animal Nutrition.** Two to four credit hours. The year. Two lectures and two laboratory periods each week. Prerequisites, Agricultural Chemistry 103 and 101 or equivalent, and Animal Husbandry 137. (Animal Husbandry 137 may be taken concurrently.) Given biennially.

***113. Chemistry of Insecticides and Fungicides.** Two credit hours. Second semester. One lecture and one laboratory period each week. Prerequisites, Agricultural Chemistry 103 and 101 or equivalent, and the consent of the instructor. Given biennially.

114. Plant Chemistry. Two credit hours. Second semester. Two lectures each week. Prerequisite, two years of chemistry including Agricultural Chemistry 103 and 101 or equivalent in organic chemistry and quantitative analysis.

115. General Agricultural Chemistry. One credit hour. First semester. One lecture each week. Prerequisite, a satisfactory course in organic chemistry.

*Not given in 1921-1922.

116. Plant Chemistry. Two credit hours. Second semester. Six laboratory hours each week. To be preceded or accompanied by Agricultural Chemistry 114.

121-122. Food Inspection and Analysis. Three to five credit hours. The year. Prerequisites, Agricultural Chemistry 103 and 101 or equivalent. Given biennially.

123-124. Household Chemistry. Three credit hours. First semester; four credit hours, second semester. Two laboratory periods each week throughout the year. One lecture each week, first semester; two lectures each week, second semester. Home Economics, second year. Prerequisite or concurrent, Chemistry 127-128.

125-126. Chemistry of Food and Nutrition. Four credit hours. The year. Prerequisite, general and organic chemistry.

GRADUATE WORK

Prerequisite for Graduate Work: At least two years of work in chemistry is required as a prerequisite for graduate work in Agricultural Chemistry. The work must include acceptable courses in general and organic chemistry and quantitative analysis.

The following courses are open only to advanced undergraduates and graduates: 107, 108, 111, 112, 113, 114, 116, 121, 122, 125, 126, 201, 202.

201-202. Research Work. Five to ten credit hours. The year.

SOILS

152. Elementary Soils. Three credit hours. Second semester. Two lectures and one quiz each week. Four-year courses in Agriculture and Horticulture. Prerequisite, Agricultural Chemistry 103.

153. Soil Fertility. Three credit hours. First semester. Prerequisites, Soils 152, and 150.

155. Chemical Analysis of Soils. Five credit hours. First semester. Two lectures and three laboratory periods each week. Prerequisite, Soils 152 and permission of the instructor.

157. Origin and Classification of Soils. Three credit hours. Second semester. Two lectures and one laboratory period each week. Prerequisites, Soils 152, and 150.

150. Elementary Soils. Two credit hours. Second semester. Six hours laboratory or field work each week. Prerequisite or concurrent, Soils 152.

158. Soil Physics. Three credit hours. First semester. One lecture and two laboratory periods each week. Prerequisites, Soils 152 and 150, and permission of the instructor.

162. Chemistry of Fertilizers. Four credit hours. Second semester. Two lectures and two laboratory periods each week. Prerequisites, Soils 152 and 150, and permission of the instructor.

GRADUATE WORK

Prerequisite for Graduate Work: Students expecting to major in Soils are urged to elect additional courses in general chemistry, qualitative and quantitative analysis, and organic chemistry. In addition to the above, courses in bacteriology, plant physiology, and physical chemistry are suggested.

The following courses are open only to advanced undergraduates and graduates: 153, 155, 157, 158, 162, 201, 202, 203, 204.

201-202. Research Work in Soils. Three to ten credit hours. The year. Prerequisite, a thorough training in chemistry.

203-204. Soil Seminary. One credit hour. The year. Required of all graduate students majoring in soils.

AGRICULTURAL EDUCATION

Office, 103 Townshend Hall

PROFESSOR STEWART, ASSISTANT PROFESSORS FIFE AND McMILLEN, MR. NISONGER

101-102. Teaching of Vocational Agriculture in Secondary Schools. Three credit hours. The year. Three lectures each week. Open to Juniors and Seniors who have obtained the consent of the department. Agricultural Education 101 is given also during the second semester.

103-104. Practice Teaching of Agriculture in Secondary Schools. Three credit hours. The year. Prerequisite, Agricultural Education 101 or Agricultural Education 101 concurrent with 103.

SUMMER SESSION—1921

101. Teaching of Vocational Agriculture in Secondary Schools. Three credit hours. Mr. McMillen.

102. Methods of Teaching Vocational Agriculture. Three credit hours. Mr. Nisonger.

AGRICULTURAL ENGINEERING

Office, 201 Machinery Laboratory

PROFESSORS IVES AND McCUEN, ASSISTANT PROFESSORS POTTER AND THOMSON

101. Farm Engineering. Four credit hours. Either semester. Prerequisites, Engineering Drawing 125, Mathematics 107, and Physics 109.

103. Farm Structures. Three credit hours. Either semester. Prerequisites, Engineering Drawing 125 and Mathematics 107.

106. Drainage. Three credit hours. Second semester. Prerequisites, Mathematics 107 and Soils 152.

107. Farm Power. Four credit hours. Second semester. Prerequisite, Agricultural Engineering 101.

110. Advanced Farm Machinery. Three credit hours. First semester. Prerequisite, Agricultural Engineering 107.

111-112. Special Problems. Two to five credit hours. The year. Prerequisite, at least seven hours of work in the department and the consent of the instructor.

115. Household Mechanics. Two credit hours. First semester. Six laboratory hours each week.

116. Household Equipment. Three credit hours. Second semester. Two lectures, three laboratory hours each week.

117. Dairy Mechanics. One credit hour. First semester. Prerequisite, Agricultural Engineering 101, and permission of the instructor. Concurrent with Dairying 111.

118. Field Machinery. Three credit hours. Second semester. Six laboratory hours each week. Prerequisite, Agricultural Engineering 101.

The following courses are open only to advanced undergraduates and graduates: 111, 112.

AGRICULTURAL EXTENSION

Office, 115 Townshend Hall

PROFESSOR RAMSOWER

102. Extension Methods. Two credit hours. Second semester. Two recitations each week. Open only to Seniors in the College of Agriculture.

AMERICAN HISTORY

Office, 207 University Hall

PROFESSORS G. W. KNIGHT, HOCKETT, AND A. C. COLE, ASSISTANT PROFESSOR WOOD, MR. WITTKE, MR. ROSEBOOM, MR. RUSSELL

101-102. History of the United States, 1763-1920. Three credit hours. The year.

American History 101 is given also during the second semester, and American History 102 during the first semester.

***103-104. The Colonization of North America.** Three credit hours. The year. Prerequisite, American History 101-102 or 105-106.

105-106. General Survey of United States History. Three credit hours. The year.

107. Constitutional History of the United States to 1837. Two credit hours. First semester. Prerequisite, American History 101-102 or 105-106. Political Science 101 will be found a valuable adjunct to this course.

108. Constitutional History of the United States since 1837. Two credit hours. Second semester. Prerequisite, American History 101-102 or 105-106. American History 107 affords a good foundation, and Political Science 101 a valuable adjunct.

109. Early Political Parties in the United States. Two credit hours. First semester. Prerequisite, American History 101-102 or 105-106.

110. Political Parties in the United States, 1852-1920. Two credit hours. Second semester. Prerequisite, American History 101-102 or 105-106. American History 109 affords a good foundation.

***111. The Slavery Struggle in the United States.** Three credit hours. First semester. Given biennially, alternating with American History 113. Prerequisites, American History 101-102 or 105-106, and at least two other semesters in the Social Science group.

***112. Reconstruction and its Results, 1863-1920.** Three credit hours. Second semester. Given biennially, alternating with American History 114. Prerequisites, American History 101-102 or 105-106, and at least two other semesters in the Social Science group. American History 111 affords a good foundation.

113. American Diplomacy to the Close of the Civil War. Three credit hours. First semester. Given biennially, alternating with

*Not given in 1921-1922.

American History 111. Prerequisites, American History 101-102 or 105-106, and at least two other semesters in the Social Science group.

114. American Diplomacy since the Civil War. Three credit hours. Second semester. Given biennially, alternating with American History 112. Prerequisites, American History 101-102 or 105-106, and at least two other semesters in the Social Science group.

***115-116. The Pioneer in American History.** Three credit hours. The year. Prerequisite, American History 101-102 or 105-106.

117-118. History of Canada. Two credit hours. The year. Given biennially, alternating with American History 133-134. Prerequisite, American History 101-102 or 105-106.

119. Introduction to Historical Research. Two credit hours. First semester. Prerequisite, four semesters in American history.

121. The Teaching of American History. Two credit hours. First semester. This course must be preceded by at least four semester courses in history and either preceded or accompanied by a fifth course. Of these, two should be in medieval and modern European history or in English history and the others in American history.

123-124. Recent History of the United States, 1870-1920. Three credit hours. The year. Prerequisites, American History 101-102 or 105-106, and at least two other semesters in the Social Science group. Economics 101-102 will be found a valuable adjunct to this course.

125. Colonial Period of Latin America. Two credit hours. First semester. Given biennially, alternating with American History 103. Not open to Freshmen.

126. History of the Latin-American Republics. Two credit hours. Second semester. Given biennially, alternating with American History 104. Not open to Freshmen. American History 125 is the best preparatory course.

***133-134. The Influence of Racial Groups on the History of the United States.** Two credit hours. The year. Given biennially, alternating with American History 117-118. Prerequisite, American History 101-102 or 105-106.

GRADUATE WORK

Prerequisite for Graduate Work: The courses named below presuppose good foundation courses of collegiate character in the history

*Not given in 1921-1922.

of the country from the early colonial period; also a good collegiate course in European history and English history. At least a fair knowledge of American political institutions is expected. As a qualification for the study of American history as a graduate "major" the student must previously have completed the equivalent of at least four semester courses of three hours each in the subject.

The following courses are open only to advanced undergraduates and graduates: 111, 112, 113, 114, 119, 121, 123, 124, 211, 220, 222.

All of the following courses are conducted by the seminary method. They must be preceded or accompanied by American History 119.

***211-212. Special Problems in American Diplomacy.** Two credit hours. The year.

213-214. Special Problems in Recent American History. Two credit hours. The year.

215-216. Special Problems in the History of the Westward Advance. Two credit hours. The year.

***217-218. Special Problems in the Constitutional History of the United States.** Two credit hours. The year.

219-220. Special Problems in the Recent History of the South. Two credit hours. The year.

222. Great American Historians. Two credit hours. Second semester.

A study of the methods and works of Sparks, Prescott, Bancroft, Parkman, McMaster, Rhodes and other leading writers of American history.

SUMMER SESSION—1921

106. General Survey of United States History since 1829. Three credit hours. Mr. Wittke.

108. Constitutional History of the United States since 1837. Two credit hours. Mr. Hockett.

119. Introduction to Historical Research. Two credit hours. Mr. Hockett.

133. The Influence of Racial Groups on the History of the United States. Two credit hours. Mr. Wittke.

222. Great American Historians. Two credit hours. Mr. Hockett.

*Not given in 1921-1922.

ANATOMY

Office, 105 Biological Building

PROFESSOR LANDACRE, ASSISTANT PROFESSOR BUCK, MR. KNOUFF, MR. BAKER

101. Comparative Anatomy of the Vertebrates. Three to five credit hours. First semester. One recitation and five to eight laboratory hours each week. Not open to Freshmen.

102. Comparative Anatomy of the Vertebrates. Three to five credit hours. Second semester. One recitation and five to eight laboratory hours each week. Elective. Prerequisite, Anatomy 101 or an equivalent.

103. Vertebrate Embryology. Three to five credit hours. First semester. One lecture or recitation and five to eight laboratory hours each week. Not open to Freshmen.

104. Vertebrate Embryology. Three to five credit hours. Second semester. One lecture or recitation and five to eight laboratory hours each week. Not open to Freshmen.

105. Anatomy of the Frog. Three to five credit hours. First semester. One lecture or recitation and five to eight laboratory hours each week. Not open to Freshmen.

106. Anatomy of the Frog. Three to five credit hours. Second semester. One lecture or recitation and five to eight laboratory hours each week. Not open to Freshmen.

107. Introductory Neurology. Three to five credit hours. First semester. One recitation or lecture and four to eight laboratory hours each week. Not open to Freshmen.

108. Introductory Neurology. Three to five credit hours. Second semester. One lecture or recitation and four to eight laboratory hours each week. Not open to Freshmen.

109. Comparative Neurology. Three to five credit hours. First semester. One lecture or recitation and five to eight laboratory hours each week. Prerequisite, Anatomy 101-102 or an equivalent.

110. Comparative Neurology. Three to five credit hours. Second semester. One lecture or conference and five to eight laboratory hours each week. Prerequisite, Anatomy 101-102 or an equivalent.

111-112. Proseminary. One credit hour. The year. Prerequisite, Anatomy 101-102 or an equivalent.

113-114. Cytology. Three to five credit hours. The year. One lecture or conference and five to eight laboratory hours each week. Prerequisite, Anatomy 101-102 or an equivalent.

116. The Digestive System. Three credit hours. Second semester. One lecture and four laboratory hours each week. Elective for Juniors or Seniors. Prerequisite, one year's work in biological science.

118. Elementary Comparative Anatomy of Vertebrates. Three to five credit hours. Second semester, One lecture and five to eight laboratory hours each week. Required of students in the Arts-Medicine and Science-Medicine courses. Prerequisite, Zoology 101, Physiology 101 or an equivalent.

119. Advanced Comparative Anatomy. Three to five credit hours. First semester. One conference and five to eight laboratory hours each week. Prerequisite, Anatomy 101-102 or an equivalent.

120. Advanced Comparative Anatomy. Three to five credit hours. Second semester. One conference and five to eight laboratory hours each week. Elective. Prerequisite, Anatomy 101-102 or an equivalent.

142. Embryology. Four credit hours. Second semester. Two recitations and four laboratory hours each week. Veterinary Medicine, first year.

143. Histology of the Domesticated Animals. Five credit hours. First semester. Three recitations and six laboratory hours each week. Veterinary Medicine, first year.

GRADUATE WORK

Prerequisite for Graduate Work: Students entering upon any of the courses named below must have had two years of acceptable biological work, of which one year should have been anatomy.

The following courses are open only to advanced undergraduates and graduates: 109, 110, 111, 112, 113, 114, 119, 120, 121, 122, 127, 133, 134, 136, 152, 201, 202, 203, 204.

201-202. Vertebrate Embryology. Three to five credit hours. The year. One conference and five to eight laboratory hours each week. Prerequisite, one year's work in anatomy.

203-204. Research Work. Five to ten credit hours. The year. One lecture or conference and eight to eighteen laboratory hours each week. Prerequisite, one year's work in anatomy.

COLLEGE OF DENTISTRY AND APPLIED OPTICS

125. Human Anatomy. Four credit hours. First semester. Two recitations or lectures and six laboratory hours each week. Dentistry, first year; Applied Optics, first year.

126. Human Anatomy. Four credit hours. Second semester. Two recitations or lectures and six laboratory hours each week. Dentistry, first year; Applied Optics, first year.

131. Applied Anatomy. Two credit hours. Second semester. One recitation and three laboratory hours each week. Dentistry, first year.

139. Histology. Three credit hours. First semester. Two recitations or lectures and three laboratory hours each week. Dentistry, second year; Applied Optics, first year.

140. Histology. Four credit hours. Second semester. Two recitations or lectures and six laboratory hours each week. Dentistry, second year; Applied Optics, first year.

145. Anatomy of the Eye. Four credit hours. First semester. Applied Optics, third year.

COLLEGES OF HOMOEOPATHIC MEDICINE AND MEDICINE

101. Comparative Anatomy of the Vertebrates. Three to five credit hours. First semester. One recitation and five to eight laboratory hours each week. Not open to Freshmen. Science Nursing, first year.

103. Vertebrate Embryology. Three to five credit hours. First semester. One lecture or recitation and five to eight laboratory hours each week. Elective. Not open to Freshmen.

116. The Digestive System. Three credit hours. Second semester. One lecture and four laboratory hours each week. Elective for Juniors or Seniors. Science Nursing, first year. Prerequisite, one year's work in biological science.

121. Human Anatomy. Six credit hours. First semester. Three lectures or recitations and eleven laboratory hours each week. Forty-eight didactic hours, 176 laboratory hours; total 224 hours. Medicine, first year.

122. Human Anatomy. Four credit hours. Second semester. Two lectures or recitations and eight laboratory hours each week.

Thirty-two didactic hours, 128 laboratory hours; total 160 hours. Medicine, first year.

127. Applied Human Anatomy. Three to five credit hours. First semester. Two recitations and three laboratory hours or three recitations and six laboratory hours each week. Thirty-two or forty-eight didactic hours and forty-eight or ninety-six laboratory hours; total 80 or 144 hours. Medicine, second year. Three credit hours required, two additional hours elective. Prerequisite, Anatomy 121-122.

133. Histology and Embryology. Six credit hours. First semester. Three lectures or recitations and nine laboratory hours each week. An additional hour each week is devoted to the reports of original papers by instructors and students. Forty-eight didactic hours, 144 laboratory hours; total 192 hours. Medicine, first year.

134. Histology and Embryology. Four credit hours. Second semester. Two recitations or lectures and six laboratory hours each week. An additional hour each week is devoted to the reports of original papers by instructors and students. Thirty-two didactic hours, 96 laboratory hours; total 128 hours. Medicine, first year.

136. Neurology. Four credit hours. Second semester. Two lectures or recitations and six laboratory hours each week. Thirty-two didactic hours, 96 laboratory hours; total 128 hours. Medicine, first year.

149. General Microscopic Technique. Three to five credit hours. Either semester. One lecture or conference and five to eight laboratory hours each week. Elective. Prerequisite, one year's work in biology. Class limited to fifteen.

150. Special Microscopic Technique. Three to five credit hours. Second semester. One lecture or conference and five to eight laboratory hours each week. Elective. Prerequisite, Anatomy 149. Class limited to fifteen.

152. Special Advanced Anatomy. Three credit hours. Second semester. One conference and six laboratory hours each week. Hours to be arranged. Elective. Prerequisite, Anatomy 127 or its equivalent.

SUMMER SESSION—1921

118. Comparative Anatomy of the Vertebrates. Three credit hours. Mr. Baker.

133. Histology and Embryology. Six credit hours. Mr. Landacre, Mr. Baker.

134. Histology and Embryology. Four credit hours. Mr. Landacre.

136. Neurology. Four credit hours. Mr. Landacre, Mr. Baker.

ANIMAL HUSBANDRY

Office, Judging Pavilion

PROFESSORS GAY, PLUMB, KAYS, AND COFFEY, ASSISTANT PROFESSOR CONKLIN, AND DEPARTMENT ASSISTANTS

132. Types and Breeds of Live Stock. Three credit hours. Second semester. Veterinary Medicine, third year. Elective.

133. Feeds and Feeding. Three credit hours. First semester. Veterinary Medicine, fourth year. Elective.

135. Elementary Live Stock Judging. Four credit hours. Either semester. Agriculture, second year. Two lectures and four laboratory hours each week.

137. Principles of Feeding. Three credit hours. Either semester. Agriculture, second year. Prerequisite, Animal Husbandry 135 and agricultural chemistry.

139. Horse Production and Management. Four credit hours. First semester. Agriculture, third year. Prerequisites, Animal Husbandry 135, 137, and Zoology 115.

141. Beef Cattle Production and Management. Four credit hours. First semester. Agriculture, third year. Prerequisites, Animal Husbandry 135, 137, and Zoology 115.

143. Swine Production and Management. Four credit hours. Second semester. Agriculture, third year. Prerequisites, Animal Husbandry 135, 137, and Zoology 115.

145. Dairy Cattle Production and Management. Four credit hours. Second semester. Agriculture, third year. Prerequisites, Animal Husbandry 135, 137, and Zoology 115.

147. Sheep Production and Management. Four credit hours. Second semester. Agriculture, third year. Prerequisites, Animal Husbandry 135, 137, and Zoology 115.

151. Advanced Live Stock Judging. Three credit hours. First semester. Agriculture, fourth year. Prerequisites, Animal Husbandry 135, 139, 141, 143, and 147.

153. Meats and Meat Products. Three credit hours. Second semester. Prerequisites, Animal Husbandry 135, 141, 147, 143. Permission of the instructor must be obtained. Enrollment is limited to fifteen.

155. Live Stock Markets and Marketing. Three credit hours. First semester. Prerequisites, Animal Husbandry 135 and 137.

157. Breeding Farm Animals. Four credit hours. Second semester. Lectures and one laboratory period. Prerequisites, Zoology 101, 102, and 115, and Animal Husbandry 135.

163-164. Research and Thesis. Two to five credit hours. The year. For Seniors only, or graduates specializing in animal husbandry.

GRADUATE WORK

Prerequisite for Graduate Work: As a prerequisite for graduate work in this department the student must have had at least two years' study of the types and breeds of live stock, with collateral work in the principles of breeding and feeding.

The following courses are open only to advanced undergraduates and graduates: 155, 201, 202.

201-202. Research Work. Ten or more hours of graduate work may be arranged in various lines of study.

APPLIED OPTICS

Office, 206 Physics Building

PROFESSOR MINCHIN, MR. DAVIES

107. Theoretical Optics. Four credit hours. First semester. Prerequisite, Physics 103-104 or 105-106.

108. Theoretical Optics. Five credit hours. Second semester. Prerequisite, Optics 107.

110. Mechanical Optics. Two credit hours. First semester.

115. Vision Optics. Two credit hours. First semester.

116. Vision Optics. Four credit hours. Second semester.

129. Mechanical Optics. Two credit hours. Second semester.

133-134. Theoretical Applied Optics. Four credit hours. The year.

147-148. Clinical Practice. Four credit hours. The year.

151-152. Advanced Applied Optics. Four credit hours. The

year. Prerequisite, one year of theoretical optics and a course in calculus.

The following courses are open only to advanced undergraduates and graduates: 151, 152.

ARCHITECTURE

Office, 105 Brown Hall

PROFESSORS BRADFORD, CHUBB, AND SMITH, ASSISTANT PROFESSOR RONAN, MR. HASKETT

111. Photography. Two credit hours. Either semester. Architecture, Architectural Engineering, and Mechanical Engineering, third year. Prerequisite, Chemistry 105-106 or 109-110.

113. Principles of Architectural Composition. Two credit hours. First semester. Architecture and Architectural Engineering, third year. Prerequisite, Architecture 134.

116. Professional Practice. Four credit hours. Second semester. Architecture and Architectural Engineering, fourth year. Prerequisite, Architecture 151.

117. Sanitary Plumbing. One credit hour. First semester. Architecture, fourth year.

118. Thesis. Five credit hours. Second semester. Architecture and Architectural Engineering, fourth year.

120. Summer Work. Four credit hours. The equivalent of four weeks of work in an architect's office, or a problem in design assigned by the department. Between the second and third years.

121. Summer Work. Four credit hours. The equivalent of four weeks of work in an architect's office, or a problem in design assigned by the department. Between the third and fourth years.

122. Photography. Two credit hours. Second semester. Prerequisite, Architecture 111.

123. Fire Protection. Two credit hours. Second semester. Architectural Engineering, fourth year. Concurrent, Civil Engineering 125.

124. Shades, Shadows, and Perspective. Three credit hours. Second semester. Architecture and Architectural Engineering, second year. Prerequisite, Engineering Drawing 107.

131. Elements of Architecture. Two credit hours. First semester. Architecture, first year; Architectural Engineering, second year. Concurrent with Art 131, Engineering Drawing 101.

132. Elements of Architecture. Two credit hours. Second semester. Architecture, first year; Architectural Engineering, second year. Prerequisite, Architecture 131, and concurrent with Art 132 and Engineering Drawing 102.

133. History of Architecture. Three credit hours. First semester. Architecture and Architectural Engineering, second year. Concurrent, Architecture 131 and Art 131.

134. History of Architecture. Three credit hours. Second semester. Architecture and Architectural Engineering, second year. Prerequisite, Architecture 133.

135. History of Architecture. Two credit hours. First semester. Architecture and Architectural Engineering, third year. Prerequisite, Architecture 134.

History of renaissance architecture.

136. History of Architecture. Three credit hours. Second semester. Architecture, third year. Prerequisite, Architecture 135.

History of modern architecture.

141. Design. Five credit hours. First semester. Architecture, second year; Architectural Engineering, third year. Prerequisite, Architecture 132.

142. Design. Five credit hours. Second semester. Architecture, second year; Architectural Engineering, third year. Prerequisite, Architecture 141.

143. Design. Five credit hours. First semester. Architecture, third year; Architectural Engineering, fourth year. Prerequisite, Architecture 143.

144. Design. Five credit hours. Second semester. Architecture, third year. Prerequisite, Architecture 143.

145. Design. Five credit hours. First semester. Architecture, fourth year. Prerequisite, Architecture 144.

146. Design. Five credit hours. Second semester. Architecture, fourth year. Prerequisite, Architecture 145.

147. Ornament. Four credit hours. First semester. Architecture, fourth year. Prerequisites, Architecture 144 and 113.

150. Wood Construction. Five credit hours. Second semester. Architecture and Architectural Engineering, third year. Prerequisites, Architecture 141 and Mechanics 103.

151. Masonry. Three credit hours. First semester. Architecture and Architectural Engineering, fourth year. Prerequisite, Architecture 150.

153. Plumbing. Two credit hours. First semester. Architectural Engineering, fourth year.

GRADUATE WORK

Prerequisite for Graduate Work: Before major work can be pursued in this department a candidate must hold a baccalaureate degree in Architecture.

The following courses are open only to advanced undergraduates and graduates: 113, 117, 147, 151, 201, 202, 203, 204.

201-202. Architecture. Five to ten credit hours. The year.

203-204. Architecture: Research Work. Three credit hours. The year.

ANCIENT ART

(See Greek Language and Literature)

ART

Office, 203 Hayes Hall

PROFESSOR KELLEY, ASSISTANT PROFESSOR ROBINSON, MR. NORRIS, MR. WEBBER, MISS KNAUBER, MISS WILSON

117. The Theory and Practice of Teaching Art. Three credit hours. First semester. Prerequisites, Art 136 and 142.

119. Appreciation of Art. One credit hour. Either semester.

121. Costume Design. Two credit hours. Either semester. Prerequisites, Art 131 and 141.

131-132. Elementary Drawing. Two credit hours. The year. Four laboratory hours each week. Architecture, first year; Architectural Engineering, second year.

Art 131 is given also during the second semester.

Art 132 is given also during the first semester.

133. Advanced Drawing. Two credit hours. Either semester. Four laboratory hours each week. Architecture, second year. Prerequisite, Art 131-132.

134. Drawing from Life. Three credit hours. Either semester. Prerequisite, Art 133, and permission of the instructor.

136. Water Color Painting. Two credit hours. Either semester. Four laboratory hours each week. Architecture, third year. Prerequisites, Art 133 and 141.

137. Advanced Water Color. Three credit hours. Second semester. Prerequisite, Art 136.

138. Oil Painting. Three credit hours. First semester. Prerequisite, Art 136.

139. Advanced Oil Painting. Three credit hours. Second semester. Prerequisite, Art 138.

141. Elementary Design. Two credit hours. Either semester. Architecture, second year. Prerequisites, Art 131 and 119.

142. Advanced Design. Three credit hours. Either semester. Prerequisite, Art 141.

143. Specialized Design. Three credit hours. Second semester. Prerequisite, Art 142 or Art 121.

144. Commercial Design. Three credit hours. Second semester. Prerequisite, Art 142.

145. Thesis Work Design. Three credit hours. Second semester. Prerequisite, Art 143.

147. Illustrative Drawing. Two credit hours. First semester. Two two-hour periods each week. Prerequisite, Art 132.

148. Illustrative Drawing. Two credit hours. Second semester. Two two-hour periods each week. Prerequisite, Art 132.

151. History of Classic Art. Three credit hours. Either semester. Not open to Freshmen.

152. History of Medieval Art. Three credit hours. Second semester. Prerequisite, Art 151. Not open to Freshmen.

153. History of Renaissance and Modern Art. Three credit hours. First semester. Prerequisite, Art 151. Not open to Freshmen.

157. Art of China and Japan. Three credit hours. Second semester. Prerequisite, Junior standing, and at least two other courses in the department.

158. Thesis in Art History. Five credit hours. Second semester. Prerequisite, fifteen hours of art history.

160. Modern Painting and Sculpture. Three credit hours. First semester. Three lectures each week and occasional reports. Elective.

162. Water Color. Two credit hours. Second semester. Architecture, third year. Prerequisite, Art 136.

163-164. Drawing from Life. Two credit hours. The year. Architecture, fourth year.

165-166. Proseminary: Specialized Study in Important European Art Periods. Two to four credit hours. First and second semesters. Prerequisite, Art 151.

170. Modelling. Two credit hours. First semester. Prerequisite, Art 131.

171. Advanced Modelling. Three credit hours. Second semester. Prerequisite, Art 170.

172. Design in the Minor Arts. Three credit hours. Second semester. Prerequisite, Art 142, or may be taken concurrently.

175. Composition. One credit hour. Either semester. Prerequisite, Art 133.

Prerequisite for Graduate Work: Students desiring to undertake graduate work in this department should have had two years' work in Art. It is also desirable that they should have had advanced work in either language or history. These courses are valuable as minors for students majoring in language or history.

The following courses are open only to advanced undergraduates and graduates: 157, 158, 165, 166.

SUMMER SESSION—1921

117. Theory and Practice of Teaching Art. Three credit hours. Miss Volk.

190. Survey of History of Art. Three credit hours. Mr. Kelley.

191. Drawing for Teachers. Two or three credit hours. Mr. Kelley.

192. Costume Design. Three credit hours. Miss Volk.

ASTRONOMY

Office, Emerson McMillin Observatory

PROFESSOR LORD, ASSOCIATE PROFESSOR MANSON

101-102. General Astronomy. Three credit hours. The year. For undergraduates.

104-105. Astronomy, Geodesy, and Least Squares. Three

credit hours. The year. Civil Engineering, third year. Prerequisite, the calculus.

107-108. Advanced Astronomy. Three to five credit hours. The year. Prerequisite, the calculus.

109-110. The Theory of Lenses. Four credit hours. The year. Prerequisite, the calculus.

111-112. Introduction to Celestial Mechanics. Three to five credit hours. The year. Prerequisite, the calculus.

Prerequisite for Graduate Work: Students expecting to take graduate work in Astronomy must have had mathematics through the calculus.

The following courses are open only to advanced undergraduates and graduates: 104, 105, 107, 108, 109, 110, 111, 112.

BACTERIOLOGY

Office, 202 Veterinary Laboratory Building

PROFESSORS MORREY AND STARIN, ASSISTANT PROFESSOR MASTERS, MR. OCKERBLAD, MR. WATSON, AND DEPARTMENT ASSISTANTS

These courses in Bacteriology are open to advanced undergraduate and graduate students only, not to Freshmen or Sophomores. The instructor in charge must be consulted before electing.

102. Bacteriology. Two credit hours. Second semester. For students in Pharmacy.

107. General Bacteriology. Four or five credit hours. First semester.

108. Pathogenic Bacteria. Two to five credit hours. Second semester. Prerequisite, Bacteriology 107.

110. Dairy Bacteriology. Two to five credit hours. Second semester. Prerequisite, Bacteriology 107.

112. Soil Bacteriology. Two to five credit hours. Second semester. Prerequisite, Bacteriology 107.

114. Water Examination, Sewage Disposal, Water Filtration. Two to five credit hours. Second semester. Prerequisite, Bacteriology 107.

***116. Bacteriological Chemistry.** Two to five credit hours. Second semester. Prerequisite, Bacteriology 107.

*Not given in 1921-1922.

117-118. Immunity and Serum Therapy. Two credit hours, first semester. Two to five credit hours, second semester. Prerequisites, Bacteriology 107 and 108 or equivalents.

119-120. Pathogenic Protozoa. Two credit hours. The year. Prerequisites, Bacteriology 107 and 108 or equivalents.

121-122. Advanced Dairy Bacteriology. Three to five credit hours. The year. Prerequisites, Bacteriology 107 and 110 or equivalents.

123-124. Advanced Soil Bacteriology. Three to five credit hours. The year. Prerequisites, Bacteriology 107 and 112 or equivalents.

125-126. Special Problems in Bacteriology. Three to five credit hours. The year. Conferences, library and laboratory work. Prerequisite, one year's work in bacteriology.

131. General Bacteriology. Four credit hours. First semester. Lecture, quiz, and laboratory. Veterinary Medicine, second year.

132. Pathogenic Bacteriology. Four credit hours. Second semester. Veterinary Medicine, second year.

141. Medical Bacteriology. Seven credit hours. First semester. Three lectures or quizzes and nine laboratory hours each week. Forty-eight didactic hours, 192 laboratory hours; total 240 hours. Medicine, second year.

150. Dental Bacteriology. Four credit hours. Second semester. Two lectures or recitations and six laboratory hours each week. Dentistry, second year; Applied Optics, second year.

GRADUATE WORK

Prerequisite for Graduate Work: Students intending to specialize in Bacteriology should take, in addition, courses in botany, pathology, physiology, or zoology (the subject depends on the line of specialization), and a second year in chemistry, which should include organic chemistry, if possible.

The following courses are open only to advanced undergraduates and graduates: 107, 108, 110, 112, 114, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 201, 202, 203, 204.

As prerequisite to each of the following courses, the prospective student must have had at least two years' work in bacteriology, one of which must have been along the lines of the course selected.

201-202. Research in Pathogenic Bacteriology. Three to ten credit hours. The year.

203-204. Research in Agricultural Bacteriology. Three to ten credit hours. The year.

SUMMER SESSION—1921

107. General Bacteriology. Four credit hours. Mr. Morrey.

BIBLIOGRAPHY

Office, The Library

MISS JONES, MR. REEDER

101-102. The Library and the School. One credit hour. The year.

103. Agricultural Bibliography. One-half credit hour. First semester.

105. Bibliography for the Social Sciences. Two credit hours. Either semester.

BOTANY

Office, 102 Botany and Zoology Building

PROFESSORS TRANSEAU AND SCHAFFNER, ASSISTANT PROFESSORS STOVER, SAMPSON, AND WALLER, MR. TIFFANY, MR. SAYRE, AND DEPARTMENT ASSISTANTS

101-102. General Botany. Three credit hours. The year. Two recitations and two laboratory hours each week.

107. Plant Micro-Technique. Three credit hours. First semester. One lecture and four laboratory hours each week. Prerequisite, Botany 101-102.

108. Plant Anatomy. Three credit hours. Second semester. One lecture and four laboratory hours each week. Prerequisite, Botany 101-102.

116. Plant Pathology. Three credit hours. Second semester. One lecture and four laboratory hours each week. Prerequisite, Botany 101-102.

117-118. Plant Ecology. Three credit hours. The year. One lecture and four laboratory hours each week. Prerequisite, Botany 101-102, and one additional year of some biological subject.

119-120. Local Flora. Three credit hours. The year. Six laboratory hours each week. Prerequisite, Botany 101-102.

121. Plant Genetics. Three credit hours. First semester. One lecture, two laboratory hours each week. Prerequisite, Botany 101-102, and one additional year of some biological subject.

123. Morphology of Lower Plants. Four credit hours. First semester. Two lectures and four laboratory hours each week. Prerequisite, Botany 101-102.

124. Morphology of Vascular Plants. Four credit hours. Second semester. Two lectures and four laboratory hours each week. Prerequisite, Botany 101-102.

125-126. Plant Physiology. Four credit hours. The year. Lectures and laboratory. Prerequisite, Botany 101-102.

127-128. Plant Pathology. Four credit hours. The year. Two lectures and four laboratory hours each week. Prerequisite, Botany 101-102, and one additional year of some biological subject.

129-130. Principles of Taxonomy. Three to five credit hours. The year. Prerequisite, Botany 101-102 or equivalent, and one additional year of some biological subject.

133-134. Minor Investigations. Three to five credit hours. The year. Prerequisite, Botany 101-102, and one additional year of some biological subject.

***135-136. Evolution of Plants.** One credit hour. The year. Prerequisite, Botany 101-102, and one additional year of some biological subject.

139-140. Advanced Plant Pathology. Three credit hours. The year. One lecture and four laboratory hours each week. Prerequisite, Botany 127-128.

150. The Teaching of Botany. Three credit hours. Second semester. Prerequisite, Botany 101-102, and one additional year of botany or zoology.

151-152. Plant Micro-Chemistry. Three credit hours. The year. One lecture and four laboratory hours each week. Elective. Prerequisite, Botany 125-126.

155. Economic Botany. Three credit hours. First semester. Two lectures and two laboratory hours each week. Elective. Prerequisite, Botany 101-102 and one additional year of biological work.

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: Admission to graduate work in Botany will be granted only to those students who have had a thorough preparation in general botany, plant physiology, and plant morphology. Candidates for the degree of Doctor of Philosophy should have had courses in plant ecology, taxonomy, and plant pathology. Students majoring in plant pathology should have had acceptable courses in micro-chemistry, bacteriology, and plant genetics, in addition to the undergraduate courses in pathology. Advanced work in plant physiology presupposes at least an elementary course in organic chemistry.

For a number of special lines of work which may be elected as majors or minors in Botany, unusual facilities are at hand for making advantageous combinations with other departments of the University. With plant physiology, suitable courses may be elected in physical and organic chemistry, and in soil investigations. With plant pathology, various courses in entomology and bacteriology are available, and also in horticulture and soils. With morphology or taxonomy, related courses in zoology may be elected.

The following courses are open only to advanced undergraduates and graduates: 117, 118, 121, 127, 128, 129, 130, 133, 134, 135, 136, 139, 140, 151, 152, 155, 201, 202, 203, 204, 205, 206, 207, 208.

201-202. Research in Systematic Botany. Three to ten credit hours. The year.

203-204. Research in Morphology and Cytology. Four to ten credit hours. The year.

205-206. Research in Physiology, Ecology, and Economics. Four to ten credit hours. The year.

207-208. Research in Mycology and Plant Pathology. Three to ten credit hours. The year.

SUMMER SESSION—1921

133. Minor Investigations. Three to five credit hours. Mr. Transeau, Mr. Sampson.

147. Plant Ecology. Four credit hours. Mr. Transeau.

148. Local Flora. Four credit hours. Mr. Sampson.

205. Research in Physiology and Ecology. Five to ten credit hours. Mr. Transeau, Mr. Sampson.

LAKE LABORATORY—1921

161. Plant Ecology. Three or six credit hours. Prerequisite, Botany 101-102, and one additional year of some biological subject. Mr. Stickney.

***163. Morphology of Aquatic Plants.** Three or six credit hours. Laboratory work and lectures.

165. Special Work. Three to eight credit hours. Prerequisite, Botany 101-102, and one additional year of some biological subject.

CERAMIC ENGINEERING

Office, 233 Lord Hall

PROFESSOR WATTS, ASSISTANT PROFESSOR HARROP, MR. ROBSON, MR. LYSATT

105. Ceramic Calculations. Three credit hours. First semester. Ceramic Engineering, third year. Prerequisite, Ceramic Engineering 101.

108. Physical and Chemical Measurements of Clays and Other Ceramic Materials. Four credit hours. Second semester. Ceramic Engineering, third year. Prerequisite, Ceramic Engineering 105.

111-112. Laboratory Work in Ceramics. Five credit hours. The year. Ceramic Engineering, fourth year. Prerequisites, Ceramic Engineering 108 and 144.

113-114. Ceramic Designing. Five credit hours. The year. Ceramic Engineering, fourth year. Prerequisite, Ceramic Engineering 143.

116. Thesis. Four credit hours. Second semester. Ceramic Engineering, fourth year.

133. Junior Inspection Trip. Second semester. Ceramic Engineering, third year.

141-142. Ceramic Lectures. Three credit hours. The year. Ceramic Engineering, second year.

143-144. Ceramic Lectures. Three credit hours. The year. Ceramic Engineering, third year.

146. Refractories and Furnaces. Three credit hours. Second semester. Ceramic Engineering, fourth year.

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: The courses offered presuppose good training in the fundamentals of inorganic chemistry, including qualitative and quantitative analysis, a knowledge of the general principles of ceramic technology, such as is given in the lectures of the second and third years of the course, a knowledge of mathematics through calculus and analytical mechanics, physics to the extent of a good year's course, with laboratory and problem work, and engineering drawing to enable free attack of original plans.

For major work a candidate must hold a baccalaureate degree in Ceramic Engineering.

The following courses are open only to advanced undergraduates and graduates: 108, 111, 112, 113, 114, 146, 201, 202, 203, 204, 205, 206, 207, 208.

201-202. Research Work. Three to ten credit hours. The year. Library, conference, and laboratory work.

203-204. Testing of Clays with Reference to their Industrial Adaptability. Two credit hours. The year.

205-206. Porcelain for Electrical and Other Special Purposes. Two credit hours. The year.

207-208. Advanced Experimental Work. Two to five credit hours. The year. Prerequisites, Ceramic Engineering 108 and 112.

CHEMISTRY

Office, 100 Chemistry Building

PROFESSORS McPHERSON, FOULK, HENDERSON, EVANS, AND WITHROW, ASSISTANT PROFESSORS BOORD, HOLLINGSWORTH, MACK, AND FRANCE, MR. VILBRANDT, AND DEPARTMENT ASSISTANTS

105. Elementary Chemistry. Four credit hours. First semester. One lecture, one quiz, and six laboratory hours each week. No prerequisite.

106. Elementary Chemistry and Qualitative Analysis. Four credit hours. Second semester. One lecture, one quiz, and six laboratory hours each week. Prerequisite, Chemistry 105.

109. General Chemistry. Four credit hours. First semester. One lecture, one quiz, and six laboratory hours each week. Prerequisite, one unit of chemistry offered for admission to the University.

110. General Chemistry and Qualitative Analysis. Four credit hours. Second semester. One lecture, one quiz and six laboratory hours each week. Prerequisite, Chemistry 109.

113-114. Advanced General Chemistry. Two credit hours. The year. One lecture and one quiz each week. Chemical Engineering, second year. Prerequisite, Chemistry 106 or 110.

119-120. Quantitative Analysis. Four credit hours. The year. One quiz and nine laboratory hours each week. Chemical and General Engineering, second year; Chemistry 119 alternate with Bacteriology 107, Civil Engineering (Municipal and Sanitary Engineering group), fourth year. Prerequisite, Chemistry 106 or 110.

121. Quantitative Analysis. Four credit hours. First semester. One lecture or quiz and nine laboratory hours each week. Prerequisite, Chemistry 106 or 110.

124. Chemical Problems. One credit hour. Second semester. One conference each week. Prerequisite, Chemistry 119. Concurrent course, Chemistry 120.

125. Chemical Engineering Summer Work. Required summer practice. To be done between the second and third years in Chemical Engineering. Prerequisite, Chemistry 120.

127-128. Organic Chemistry (Home Economics). Two credit hours, first semester; one credit hour, second semester. Prerequisite, Chemistry 106 or 110.

132. The Teaching of Chemistry. Two credit hours. Second semester. Two lecture-quizzes or conferences each week. Prerequisites, Chemistry 106 or 110, 119, 151-152.

136. The Reading of Chemical Literature. Two credit hours. Second semester. Two quizzes each week. Chemical Engineering, third year, elective. Prerequisite, one year of German.

140. Chemical Engineering Thesis. Four credit hours. Second semester. Chemical Engineering, fourth year. Prerequisite, three years of the course in Chemical Engineering.

150. Organic Chemistry (Pre-Medical). Three to five credit hours. First semester. Three lectures and six laboratory hours each week. Prerequisite, Chemistry 106 or 110.

151-152. Organic Chemistry. Two credit hours. The year. Two lectures each week. Chemical Engineering, third year. Prerequisites, Chemistry 114 and 120.

153-154. Organic Chemistry (Laboratory). Two or three credit hours. The year. Six or nine laboratory hours each week. Chemistry 153, Chemical Engineering, third year; Chemistry 154, elective. Prerequisite or concurrent courses, Chemistry 151-152.

155. Quantitative Organic Analysis. Two credit hours. First semester. Six conference and laboratory hours each week. Elective. Prerequisite, Chemistry 154.

156. Qualitative Organic Analysis. Two credit hours. Second semester. Six conference and laboratory hours each week. Elective. Prerequisite, Chemistry 154.

157-158. Physical Chemistry. Three credit hours. The year. Three lectures each week. Chemical Engineering, fourth year. Prerequisites, Chemistry 114, 120, 152, and Physics 104, 106, or 112, except by special permission of the instructor.

159. Physical Chemistry (Ceramics). Three credit hours. First semester. Three lectures each week. Ceramic Engineering, third year. Prerequisite, Ceramic Engineering 102 or Chemistry 120.

161. Physical Chemistry (Laboratory). Two or three credit hours. Either semester. Six or nine laboratory hours each week. Elective. Prerequisite or concurrent, Chemistry 157-158.

164. Physical Chemistry (Biochemical). Two credit hours. Second semester. Two lectures each week. Prerequisites, Chemistry 106 or 110, and 150 or 152.

165. Quantitative Analysis. Two credit hours. First semester. Two quizzes each week. Elective. Prerequisite, Chemistry 120.

167. Gas Analysis. Three to five credit hours. First semester. One lecture and six to twelve laboratory hours each week. Chemical Engineering, third year, elective. Prerequisite, Chemistry 120.

168. Advanced Qualitative Analysis. Three to five credit hours. Second semester. One quiz and six to twelve laboratory hours each week. Chemical Engineering, third year, elective. Prerequisite, Chemistry 120.

169. Advanced Quantitative Analysis. Three to five credit hours. First semester. One conference and six to twelve laboratory hours each week. Elective. Prerequisite, Chemistry 120.

171. Chemical Bibliography. One credit hour. First semester. Lecture, quiz, and library practice. Elective. Prerequisite, twenty-six credit hours of chemistry.

173. Chemical Biography. One credit hour. Second semester. One lecture hour each week. Elective. Prerequisite, twenty-six credit hours of chemistry.

176. Water Analysis. Three credit hours. Second semester. Two lectures and three laboratory hours each week. Chemical Engineering, third year, elective; Civil Engineering (Municipal and Sanitary Engineering group), fourth year, alternate with Bacteriology 114. Prerequisite, Chemistry 120.

177-178. Industrial Chemistry. Two credit hours. The year. Two lectures each week. Chemical Engineering, fourth year. Prerequisite, Chemistry 114 and 153.

181. Inspection Trip to the West. May 1st to 6th, 1922. Required in Chemical Engineering, both third and fourth years. Given only in even-numbered years. Prerequisite or concurrent for Seniors, Chemistry 185 and 186.

182. Inspection Trip to the East. April 30th to May 5th, 1923. Required in Chemical Engineering, both third and fourth years. Given only in odd-numbered years. Prerequisite or concurrent for Seniors, Chemistry 185 and 186.

184. Written Reports (Chemical Engineering). No credit hours. Concurrent, Chemistry 177-178.

185. Industrial Chemistry. Three credit hours. First semester. One conference and eight laboratory hours each week. Chemical Engineering, fourth year. Prerequisites, Chemistry 119 and 120; prerequisite or concurrent, Chemistry 177.

186. Industrial Chemistry. Two credit hours. Second semester. One hour conference and five laboratory hours each week. Chemical Engineering, fourth year. Prerequisite, Chemistry 185.

187. Inorganic Preparations. Three credit hours. Either semester. One conference and six laboratory hours each week. Chemical Engineering, third year, elective. Prerequisites, Chemistry 114, 120.

192. The Rare Elements. Two credit hours. First semester. Two lectures each week. Elective. Prerequisites, Chemistry 114, 120. Given biennially. Given in 1921-1922.

194. Applied Electrochemistry. Two credit hours. Second semester. Two lectures each week. Elective. Prerequisite, Chemistry 158, except by special permission of the instructor.

196. Colloid Chemistry. Two credit hours. Second semester. Two lectures each week. Elective. Prerequisite or concurrent, Chemistry 158.

CHEMICAL ENGINEERING ELECTIVES

Chemistry 136, 2 hours, second semester
Chemistry 154, 2 or 3 hours, second semester
Chemistry 155, 2 hours, first semester
Chemistry 156, 2 hours, second semester
Chemistry 161, 2 hours, first or second semester
Chemistry 165, 2 hours, first semester
Chemistry 167, 3 or 5 hours, first semester
Chemistry 168, 3 or 5 hours, second semester
Chemistry 169, 3 or 5 hours, first semester
Chemistry 171, 1 hour, first semester
Chemistry 173, 1 hour, second semester
Chemistry 176, 3 hours, second semester
Chemistry 187, 3 hours, first or second semester
Chemistry 197, 2 hours, first semester
Chemistry 194, 2 hours, second semester
Chemistry 196, 2 hours, second semester

GRADUATE WORK

Prerequisite for Graduate Work: As a prerequisite for admission to graduate work in Chemistry all students must have a thorough preparation in general inorganic chemistry, qualitative and quantitative analysis, and an introductory course in organic chemistry. In addition to the above, candidates for the degree of Doctor of Philosophy must have completed acceptable courses in physics and mathematics.

For all advanced courses in Chemistry, particularly seminary courses, a reading knowledge of German and French is highly desirable if not necessary. Students deficient in this respect should consult at once with their advisers.

All candidates for the Master's degree taking major work in Chemistry must complete the following general courses unless already credited with the same: Organic Chemistry (including laboratory), extending through the year; Inorganic Preparations 187, extending through one semester; Physical Chemistry 157-158; Chemical Bibliography 171; and Chemical Biography 173. Additional courses must also be taken, the selection being subject to the approval of the department.

All candidates for the degree of Doctor of Philosophy taking major work in Chemistry must complete the following courses in addition to

those specified for the Master's degree: Historical Chemistry 213; Physical Chemistry 201-202; Quantitative Analysis 165; Organic Chemistry 156. These are simply the fundamental courses required of all candidates. Additional courses in the particular field in which the candidate is specializing, including the research work, must also be taken, the selection being subject to the approval of the department.

The following courses are open only to advanced undergraduates and graduates: 132, 155, 156, 157, 158, 161, 165, 167, 168, 169, 171, 173, 176, 177, 178, 185, 186, 187, 192, 194, 196, 201, 202, 203, 204, 205, 206, 209, 210, 213, 215, 217, 218, 221, 224, 225, 226, 235, 236, 239, 240, 241, 242.

201-202. Physical Chemistry. Three credit hours. The year. Nine laboratory hours each week. Prerequisite, a satisfactory course in physical chemistry, including elementary laboratory work.

203-204. Advanced Organic Chemistry. Two credit hours. The year. Two lectures each week. Prerequisite, a satisfactory course in organic chemistry, including laboratory work.

205-206. Advanced Organic Preparations. Two or three credit hours. The year. Six or nine hours of library, conference, and laboratory work each week. Prerequisite or concurrent, Chemistry 203-204.

209-210. Advanced Inorganic Preparations. Three credit hours. The year. Nine hours of library, conference, and laboratory work each week. Prerequisite, satisfactory courses in physical chemistry and elementary inorganic preparations.

***213. Historical Chemistry.** Two credit hours. Second semester. Two lectures each week. Given biennially. Not given in 1921-1922. Prerequisite, satisfactory courses in organic and physical chemistry.

215. Seminary in Organic Chemistry. Two credit hours. Second semester. Two conference hours each week. Prerequisite, Chemistry 203-204.

Topic for 1921-1922: The Carbohydrates.

†217. Seminary in Organic Chemistry. Two credit hours. First semester. Two conference hours each week. Prerequisite, Chemistry 203-204.

Topic for 1921-1922: The Nature of Organic Reactions.

†218. Seminary in Organic Chemistry. Two credit hours.

*Not given in 1921-1922.

†These two courses are subject to interchange, depending on the teaching staff on duty in the Summer Session.

Summer Session. Four conference hours each week. Prerequisite, Chemistry 203-204.

Topic for 1921-1922: Organic Nitrogen Compounds.

221. Seminary in Inorganic Chemistry. Two credit hours. Second semester. Two conference hours each week. Prerequisite, satisfactory courses in physical chemistry and inorganic preparations.

Topic for 1921-1922: The Sulfoacids and their Salts.

224. Seminary in Physical Chemistry. Two credit hours. First semester. Two conference hours each week. Prerequisite, satisfactory courses in physical chemistry.

Topic for 1921-1922: Velocity of Reactions and Catalysis.

225-226. Seminary in Industrial Chemistry. Two credit hours. The year. (May be elected either semester.) Two conference hours each week. Prerequisite, satisfactory courses in industrial chemistry.

235-236. Chemical Research. Five to ten credit hours. The year. (May be elected either semester.) Library, conference, and laboratory work. Prerequisite, satisfactory courses in the chosen field of research.

239-240. Seminary in Analytical Chemistry. Two credit hours. The year. (May be elected either semester.) Two conference hours each week. Prerequisite, satisfactory courses in analytical, organic, and physical chemistry.

241-242. Advanced Industrial Chemistry. Three to five credit hours. The year. (May be elected either semester.) One hour conference and eight to fourteen laboratory hours each week. Prerequisite, satisfactory courses in elementary industrial chemistry.

Chemical Colloquium. No specific credit is given for this course but all graduate students in chemistry are expected to attend it. The Colloquium is an organization of all the members of the instructional force of the University who are directly interested in pure or applied chemistry. Meetings are held bi-weekly and are devoted to discussions of important topics included in the field of chemistry. While the members of the instructional force naturally lead in these discussions, nevertheless, the graduate students may be called upon to report upon certain phases of the topic under discussion.

SUMMER SESSION—1921

140. Chemical Engineering Thesis. Four credit hours. Mr. Foulk, Mr. Boord, Mr. Mack, Mr. Withrow.

150. Organic Chemistry. (For Medical, Pre-Medical, Dental, and Veterinary Students.) Three to five credit hours. Mr. Boord.

151. Organic Chemistry. Two credit hours. Mr. Boord.

153. Organic Chemistry (Laboratory.) Two credit hours. Mr. Boord.

157. Physical Chemistry. Three credit hours. Mr. Mack.

158. Physical Chemistry. Three credit hours. Mr. Mack.

161. Physical Chemistry. Two or three credit hours. Mr. Mack.

177. Industrial Chemistry. Two credit hours. Mr. Withrow.

185. Industrial Chemistry. Two credit hours. Mr. Withrow.

203. Advanced Organic Chemistry. Two credit hours. Mr. Boord.

205. Advanced Organic Preparations. Two credit hours. Mr. Boord.

225. Seminary in Industrial Chemistry. Two credit hours. Mr. Withrow.

235. Chemical Research. Five to ten credit hours. Mr. Foulk, Mr. Boord, Mr. Mack, Mr. Withrow.

241. Advanced Industrial Chemistry. Three to five credit hours. Mr. Withrow.

CIVIL ENGINEERING

Office, 108 Brown Hall

PROFESSORS SHERMAN, ENO, AND MORRIS, ASSISTANT PROFESSORS SLOANE AND SHANK, MR. MILLER, MR. WALL, MR. FOREMAN

101. Land Surveying. Four credit hours. First semester. Four recitations each week. Civil Engineering, second year. Prerequisites, Mathematics 132, Engineering Drawing 102.

101a. Field Practice. One credit hour. First semester. Three hours each week in field. Civil Engineering, second year. Prerequisite or concurrent, Civil Engineering 101.

102. Railroad Surveying. Four credit hours. Second semester. Four recitations each week. Civil Engineering, second year. Prerequisites, Civil Engineering 101 and 101a.

102a. Field Practice. One credit hour. Second semester. Three hours each week in field. Civil Engineering, second year. Prerequisite or concurrent, Civil Engineering 102.

103. Topographic Drawing. Two credit hours. First semester. Six hours each week in drafting-room. Civil Engineering, second year. Prerequisite, Engineering Drawing 102.

104. Summer Surveying Camp. Four credit hours. Civil Engineering, at close of second year. Prerequisites, Civil Engineering 101a and 102a.

105. Topographic Surveying. Three credit hours. First semester. Nine hours each week in field or drawing-room. Civil Engineering, third year. Prerequisites, Civil Engineering 101, 102, and 104.

106. Roads and Pavements. Three credit hours. Second semester. Three recitations each week. Civil Engineering, third year. Prerequisites, Civil Engineering 102 and 104.

107. Applied Descriptive Geometry. Two credit hours. First semester. One recitation and one drawing period each week. Civil Engineering, third year. Prerequisite, Engineering Drawing 106.

108. Timber Construction. Three credit hours. Second semester. Recitations and drawing. Civil Engineering, third year. Prerequisite, Engineering Drawing 105; concurrent, Mechanics 102.

109. Sanitary Engineering. Three credit hours. First semester. Three recitations each week. Civil Engineering, third year. Prerequisites, Civil Engineering 102 and 104.

110. Stresses in Structures. Four credit hours. Second semester. Four recitations each week. Civil Engineering (Civil Engineering group), third year. Prerequisite or concurrent, Mechanics 102.

111. Summer Surveying Camp. Four credit hours. Civil Engineering, at close of third year. Prerequisites, Civil Engineering 104 and 105.

112. Railway Location. Four credit hours. Second semester. Four recitations each week. Optional with Civil Engineering 114, Civil Engineering (Civil Engineering group), fourth year. Prerequisites, Civil Engineering 102 and 111 and Mechanics 102.

113. Bridge Design. Four credit hours. First semester. Four recitations each week. Civil Engineering (Civil Engineering group), fourth year. Prerequisite, Civil Engineering 110.

114. Advanced Bridge Design. Four credit hours. Second semester. Four recitations each week. Optional with Civil Engineering 112, Civil Engineering (Civil Engineering group), fourth year. Prerequisite, Civil Engineering 113.

115. Masonry Construction. Three credit hours. First semester. Three recitations each week. Civil Engineering, fourth year. Prerequisites, Civil Engineering 111, Mechanics 102.

116. Masonry Structures and Contracts. Three credit hours. Second semester. Three recitation, lecture, or drawing periods each week. Civil Engineering, fourth year. Prerequisite, Civil Engineering 115.

117. Water Supply. Three credit hours. Second semester. Three recitations each week. Civil Engineering, fourth year. Prerequisites, Civil Engineering 111, Mechanics 102.

118. Cement and Concrete. Two credit hours. First semester. Two recitations each week. Ceramic Engineering, fourth year. Prerequisite, Mechanics 102 or 104.

119. Thesis. One credit hour. First semester. Civil Engineering (Municipal and Sanitary Engineering group), fourth year. Prerequisites, Civil Engineering 110 and 111.

122. Thesis. Three credit hours. Second semester. Civil Engineering, fourth year. Prerequisite, Civil Engineering 119.

124. Trusses. Three credit hours. Either semester. Three recitations each week first three-fourths of semester. Drawing-room work last one-fourth of semester. Architecture, Architectural Engineering, Ceramic Engineering, Civil Engineering (Municipal and Sanitary Engineering group), Metallurgical and Mine Engineering, third year; Mechanical Engineering, fourth year. Prerequisite or concurrent, Mechanics 102 and 104.

125. Tall Buildings. Three credit hours. First semester. Three lectures or recitations each week. Architectural Engineering, fourth year; optional in Civil Engineering (Civil Engineering group), fourth year. Prerequisite, Civil Engineering 124 or concurrent, Civil Engineering 113.

126. Timber and Masonry. Two credit hours. Second semester. Two lectures or recitations each week. Mechanical Engineering, third year. Prerequisite, Mechanics 101.

128. Plane Surveying. Two credit hours. Second semester. One lecture and one field exercise of three hours each week. Architecture, fourth year; Mechanical Engineering, second year. Prerequisites, Engineering Drawing 102, Mathematics 132.

129. Concrete Design. Three credit hours. Second semester,

Three recitations each week. Architectural and Civil Engineering, fourth year. Prerequisites, Civil Engineering 113 or 124, Mechanical Engineering 123 or 173, and prerequisite or concurrent, Civil Engineering 118 or 130.

130. Cement and Concrete. Two credit hours. Either semester. Two three-hour laboratory periods each week. Architecture, Architectural and Civil Engineering, fourth year. Prerequisite, Mechanics 102 or 103.

131. Surveying. Five credit hours. First semester. Landscape Architecture, second year. Prerequisites, Mathematics 107 and Engineering Drawing 125.

133. Sanitation, Drainage, Water Supply. One credit hour. First semester. One lecture each week and collateral reading. Landscape Architecture, third year. Prerequisite, Civil Engineering 131.

138. Engineering Reports. One credit hour. Second semester. One recitation or report period each week. Civil Engineering (Municipal and Sanitary Engineering group), third year. Prerequisite, Civil Engineering 109.

139. Municipal Engineering. Three credit hours. First semester. Three recitations each week. Civil Engineering (Municipal and Sanitary Engineering group), fourth year. Prerequisite, Civil Engineering 106.

140. Sanitary and Water Supply Design. Three credit hours. Second semester. One recitation and two drawing periods each week. Civil Engineering (Municipal and Sanitary Engineering group), fourth year. Prerequisite, Civil Engineering 109 and concurrent, Civil Engineering 117.

141. Railway Maintenance. Three credit hours. First semester. Three recitations each week. Optional with Civil Engineering 125, Civil Engineering (Civil Engineering group), fourth year. Prerequisites, Civil Engineering 102 and 111.

GRADUATE WORK

Prerequisite for Graduate Work: Students desiring to undertake advanced work in this department should have a thorough working knowledge of chemistry, physics, and mechanics.

For major work a candidate must hold a baccalaureate degree in Civil Engineering.

The following courses are open only to advanced undergraduates and graduates: 112, 114, 125, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210.

201-202. Investigation and Design. Three to ten credit hours. The year. Conference, library, and laboratory work.

203. Railway Maintenance of Way. Three to five credit hours. First semester. Prerequisite, Civil Engineering 112. Given biennially.

204. Railway Yards and Terminals. Three to five credit hours. Second semester. Prerequisite, Civil Engineering 112.

205. Rail and Water Transportation. Three to five credit hours. First semester. Prerequisite, Civil Engineering 112. Given biennially.

206. River Regulation and Improvement. Three to five credit hours. Second semester. Prerequisite, acceptable courses in masonry structures and water supply. Given biennially.

207. Design Work in Sewage Disposal Plants. Three to five credit hours. First semester. Prerequisite, acceptable courses in stresses, in structures and masonry structures.

208. Design Work in Municipal Water Supplies. Three to five credit hours. Second semester. Prerequisite, acceptable courses in stresses, in structures and masonry structures.

209. Advanced Bridge Design. Three to five credit hours. First semester. Prerequisite, an acceptable advanced course in bridges.

210. Concrete Structural Design. Three to five credit hours. Second semester. Prerequisite, an acceptable course in cement and concrete.

SUMMER SESSION—1921

104 or 111. Summer Field Work in Surveying.

CLINICAL DIAGNOSIS

Office, 209 Horticulture Building

PROFESSOR GROSVENOR, MRS. PHILLIPS, AND DEPARTMENT ASSISTANTS

102. Physical Diagnosis. Two credit hours. First semester. Two lectures or demonstrations in hospital each week. Homoeopathic Medicine, second year.

103-104. Laboratory Diagnosis. Four credit hours. The year. One lecture, one quiz, and six laboratory hours each week. Homoeopathic Medicine, third year.

107-108. Differential and X-Ray Diagnosis. Two credit hours. The year. One lecture and two demonstrations each week. Homoeopathic Medicine, third year.

130. Research Work. Hours to be arranged.

Open to Seniors and graduates who wish to use the facilities of the College laboratories for work on special problems.

COMPARATIVE LITERATURE AND LANGUAGE

Courses formerly offered under the above heading will be found under the Departments of German, Greek, and Latin.

DAIRYING

Office, 111 Townshend Hall

PROFESSOR ERF, ASSISTANT PROFESSOR STOLTZ, MR. DRAIN, AND DEPARTMENT ASSISTANTS

101. Principles of Dairying. Four credit hours. Either semester. Prerequisite to all other courses in dairying.

102. Farm Dairying. Four credit hours. Second semester. Prerequisite, Dairying 101.

103. City Milk Supply. Two to four credit hours. Second semester. Prerequisites, Dairying 101 and Bacteriology 107.

104. City Milk Supply. Two credit hours. Second semester. Veterinary Medicine, third year.

105. Buttermaking. Four credit hours. Either semester. Prerequisite, Dairying 101.

107. Cheesemaking. Three credit hours. Either semester. Prerequisite, Dairying 101.

110. Ice Cream Making. Two credit hours. Second semester. Prerequisite, Dairying 101.

111. Dairy Mechanics. One credit hour. First semester. Prerequisite, Dairying 101, and permission of the instructor. Concurrent with Agricultural Engineering 117.

113-114. Advanced Dairying. Two to five credit hours. The year. Prerequisite, Dairying 101.

115. Dairy Buildings. Two credit hours. First semester. Prerequisite, Dairying 101.

116. Milk Condensing. Two credit hours. Second semester. Prerequisite, Dairying 101.

119-120. Proseminary. One credit hour. The year. Prerequisite, Dairying 101.

121. Dairy Herd Management. Nine credit hours. Either semester. Prerequisite, Dairying 101-102, and permission of the instructor. May be scheduled only by men doing Cow Testing Association work.

125. Special Problems in Dairy Manufacturing Practice. Two to five credit hours. Either semester. Prerequisite, Dairying 101, and permission of the instructor.

GRADUATE WORK

Prerequisite for Graduate Work: Prerequisite for graduate work in this department should embrace the courses pertaining to the fundamental principles of dairying, namely: the care of dairy cows; formation of profitable herds; equipment of dairy houses, barns, milk, plants, and refrigerating plants; the testing of milk, cream, butter, and cheese; the care of milk and cream; buttermaking, cheesemaking, and ice cream making.

The following courses are open only to advanced undergraduates and graduates: 113, 114, 125, 201, 202.

201-202. Advanced Dairying. Five to ten credit hours. The year.

DISPENSARY CLINICS

103-104. Dispensary Clinics. Two credit hours. The year. Medicine, fourth year. Medicine, Pediatrics, Dermatology, Nervous Diseases, Genito-Urinary Diseases, Surgery, Gynecology, Eye, Ear, Nose, and Throat.

DRAWING

(See Engineering Drawing)

ECONOMICS AND SOCIOLOGY

Office, 5 Page Hall

PROFESSORS HAGERTY, HAMMOND, RUGGLES, HUNTINGTON, NORTH, WEIDLER, SEMBOWER, FISHER, HAYES, AND HOAGLAND, ASSISTANT PROFESSORS WALRADT, MARK, DICE, LUMLEY, HELD, AND ECKELBERRY, MR. CLARKE, MISS SHEETS, MR. BLANCHARD, MR. PIKE, MR. WALL, MR. VAN KEUREN, MISS GALLAGHER, AND DEPARTMENT ASSISTANTS

ECONOMICS

101-102. Principles of Economics. Three credit hours. The year. Not open to Freshmen or Seniors. Should precede all courses in Economics except 132 and 133; concurrent, 139.

Economics 101 is given also during the second semester.

Economics 102 is given also during the first semester.

103. Geography and Resources of South America. Two credit hours. First semester. Two recitations each week. Prerequisite, Economics 101-102.

104. Conservation of Natural Resources. Two credit hours. Second semester. Two recitations each week. Prerequisite, Economics 101-102.

105. Public Utilities. Two credit hours. First semester. Two recitations each week. Prerequisite, Economics 101-102.

106. Municipal Finance and Accounts. Two credit hours. Second semester. Two recitations each week. Prerequisite, Economics 101-102.

107-108. Factory Organization and Management. Three credit hours. The year. Prerequisites, Economics 101-102 and 172; or three full years of Engineering, including Economics 130; may be taken concurrently with Economics 172 or 130 in 1921-1922.

109. Principles of Salesmanship. Three credit hours. First semester. Prerequisite, Economics 101-102.

110. Wholesaling and Retailing. Two credit hours. Second semester. Prerequisite, Economics 101-102, and registration in Economics 185-186.

111. Profits, Wages and Prices. Two credit hours. First semester. Prerequisite, Economics 101-102.

***112. Insurance Agency Organization and Methods.** Two credit hours. Second semester. Two recitations each week. Prerequisite, Economics 157 or Economics 158.

113. Office Organization and Management. Three credit hours. Either semester. Prerequisite, Junior standing, Manufacturing group, or permission of instructor.

114. Business Communication. Two credit hours. Either semester. Prerequisite, Economics 101-102.

116. Time and Motion Study. Two credit hours. Second semester. Prerequisite, Engineering Drawing 145, or two full years' work in Engineering.

*Not given in 1921-1922.

119. Women in Industry. Three credit hours. First semester. Prerequisite, Economics 101-102 or Sociology 101-102.

120. The Household. Three credit hours. Second semester. Prerequisite or concurrent, Sociology 101-102 or Economics 101-102.

121. Economic and Social Geography of Ohio. Two credit hours. First semester. Two recitations each week. Prerequisites, Economics 133 and Economics 102 or Sociology 102.

122. Economic and Social Geography of Europe. Three credit hours. First semester. Three recitations each week. Prerequisites, Economics 133 and Economics 102 or Sociology 102.

123. World Industries and Commerce. Three credit hours. Second semester. Prerequisite, Economics 101-102.

124. Socialism. Two credit hours. Second semester. Prerequisite, Economics 101-102.

127. Stock Exchange and Speculation. Two credit hours. First semester. Prerequisite, Economics 101-102. Preferably preceded or accompanied by Economics 154.

128. Investments. Two credit hours. Second semester. Prerequisite, Economics 101-102. Preferably preceded by Economics 154.

129. Income Tax Accounting. Two credit hours. First semester. Two recitations each week. Prerequisite, Economics 191.

130. Cost Accumulation and Analysis. Three credit hours. Second semester. Prerequisite, two full years' credit in Engineering. Required of Engineers before taking Economics 107-108.

132. Principles of Social Geography. Three credit hours. Either semester. Not open to Juniors and Seniors. Prerequisite to all courses in economic geography.

133. Economic Geography. Three credit hours. Second semester. Not open to Juniors and Seniors. Prerequisite to all advanced courses in economic geography.

135-136. Principles and Problems. Three credit hours. The year. Open only to Seniors in the Colleges of Arts, Philosophy, and Science and Education and to graduate students who are not taking economics as a major. Not open to students who have had Economics 101-102 or its equivalent.

139-140. Elements of Accounting. Three credit hours. The year. Two recitations and one two-hour laboratory period each week. Prerequisite, registration in Economics 101-102.

Economics 139 is given also during the second semester.

Economics 140 is given also during the first semester.

141. Public Finance. Two credit hours. First semester. Prerequisite, Economics 101-102.

144. Problems of Taxation. Two credit hours. Second semester. Prerequisite, Economics 141.

147-148. Financial History of the United States. Two credit hours. The year. Prerequisite, Economics 101-102.

149-150. Business Law. Three credit hours. The year. Prerequisite, Economics 101-102.

Economics 149 is given also during the second semester.

Economics 150 is given also during the first semester.

153. Money and Credit. Three credit hours. First semester. Prerequisite, Economics 101-102.

154. Banking and Foreign Exchange. Three credit hours. Second semester. Prerequisite, Economics 101-102.

157. Life Insurance. Two credit hours. First semester. Prerequisite, Economics 101-102.

158. Property Insurance. Two credit hours. Second semester. Prerequisite, Economics 101-102.

159. The Geography and History of Commerce. Three credit hours. First semester. Prerequisite, Economics 101-102.

Note—Additional courses in geography may be found listed in the Department of Geology.

***160. International Commercial Policies.** Three credit hours. First semester. Prerequisite, Economics 101-102.

161-162. Exporting and Importing. Three credit hours. The year. Prerequisite, Economics 101-102.

163. Corporation Economics. Three credit hours. Either semester. Prerequisite, Economics 101-102.

165. Labor Legislation. Three credit hours. First semester. Prerequisite, Economics 101-102.

166. Industrial Relations. Three credit hours. Second semester. Prerequisite, Economics 101-102.

167. Transportation Economics. Three credit hours. Either semester. Prerequisite, Economics 101-102.

168. Railway Organization and Finance. Three credit hours. Second semester. Prerequisites, Economics 163 and 167.

172. Cost Accounting. Three credit hours. Second semester. Prerequisite, Economics 191.

*Not given in 1921-1922.

174. Auditing. Three credit hours. Second semester. Prerequisite, Economics 191-192.

175. Principles of Advertising. Three credit hours. Second semester. Prerequisite, Economics 101-102.

176. Public Utility Accounts and Statistics. Three credit hours. Second semester. Prerequisites, Economics 105 or 163, and 191.

177. Economic Statistics. Three credit hours. First semester. Prerequisite, Economics 101-102.

178. Business Statistics. Three credit hours. Second semester. Prerequisite, Economics 177.

181-182. Economic History of the United States. Three credit hours. The year. Prerequisite, Economics 101-102.

183. Industrial Combinations and Monopolies. Three credit hours. Second semester. Prerequisite, Economics 163.

184. Geography and Commerce of the United States. Three credit hours. Second semester. Prerequisite, Economics 101-102.

Note—Additional courses in geography may be found listed in the Department of Geology.

185-186. Marketing. Three credit hours. The year. Prerequisite, Economics 101-102.

187. Railway Accounts and Statistics. Three credit hours. First semester. Prerequisites, Economics 167 and 191.

188. Railway Traffic Management. Two credit hours. Second semester. Prerequisite, Economics 167.

189. Corporation Reports. Two credit hours. First semester. Prerequisite, Economics 140.

190. Bank Accounting and Auditing. Two credit hours. Second semester. Prerequisite, Economics 191.

191-192. Principles of Accounting. Three credit hours. The year. Prerequisite, Economics 140.

193-194. Theory and Practice of Accounting. Four credit hours. The year. Prerequisite, Economics 191-192.

GRADUATE WORK

Prerequisite for Graduate Work: Students expecting to do graduate work in Economics should be well equipped in history, and should possess a reading knowledge of French and German. All graduate students who make Economics their major study must have had a thorough course in the elements of economics, and should, in addition, have had the equivalent of one year's work in the subject.

Two semester courses of three hours each on the principles of economics are prerequisite to the following courses, which are open only to advanced undergraduates and graduates: 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 116, 119, 121, 122, 123, 124, 127, 128, 129, 130, 135, 136, 141, 144, 153, 154, 157, 158, 159, 160, 161, 162, 163, 165, 166, 167, 168, 172, 174, 175, 176, 177, 178, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 201, 202, 207, 208, 209, 210, 211, 212, 213, 214, 217, 218, 219, 220, 221, 222.

201-202. History of Economic Thought. Two credit hours. The year.

207-208. Seminary in Economics. Two credit hours. The year.

209-210. Research in Corporations and Labor. One to three credit hours. The year.

211-212. Research in Transportation and Public Utilities. One to three credit hours. The year.

213-214. Research in Banking and Finance. One to three credit hours. The year.

217-218. Research in Economic Theory. One to three credit hours. The year.

219-220. Modern Economic Theories. Three credit hours. The year.

221-222. French and German Economists. Two credit hours. The year. Open to graduate students who have had not less than one year's training in French and the same amount in German.

SUMMER SESSION—1921

102. Principles of Economics. Three credit hours. Mr. Van Riper.

140. Elements of Accounting. Three credit hours. Mr. Eckelberry.

141. Public Finance. Two credit hours. Mr. Walradt.

150. Business Law. Three credit hours. Mr. Walradt.

163. Corporation Economics. Three credit hours. Mr. Van Riper.

171. Principles of Accounting. Three credit hours. Mr. Eckelberry.

SOCIOLOGY

101-102. Principles of Sociology. Three credit hours. The year. Not open to Freshmen.

Sociology 101 is given also during the second semester.

Sociology 102 is given also during the first semester.

104. The Immigrant. Three credit hours. First semester. Prerequisite, Sociology 101-102.

107. The Family. Three credit hours. First semester. Prerequisite or concurrent, Sociology 101-102.

108. Primitive Man in Ohio. One credit hour. Second semester. Prerequisite, Sociology 101-102.

109. The Handicapped, Defectives, and Dependents. Four credit hours. First semester. Prerequisite, Sociology 101-102.

111. Poverty. Three credit hours. First semester. Prerequisite, Sociology 101-102,

112. Needy Families and Children. Four credit hours. Second semester. Prerequisite, Sociology 101-102.

115-116. Field Work in Sociology. Eight credit hours. Summer Session. In exceptional cases students may take this course in either semester. Open only to Seniors and graduates.

117-118. Methods of Sociological Investigation. Two credit hours. The year. Prerequisite, Sociology 101-102. Open to Seniors and graduates who have obtained the permission of the instructor.

123. Physical Anthropology. Three credit hours. First semester. Not open to Freshmen.

124. Social Anthropology. Three credit hours. Second semester. Not open to Freshmen.

125. Social Order and Social Control. Three credit hours. First semester. Prerequisite, Sociology 101-102.

126. Social Progress. Three credit hours. Second semester. Prerequisite, Sociology 101-102.

127. Leisure and Recreation. Three credit hours. First semester. Prerequisite or concurrent, Sociology 101.

128. Social Organization and Administration of Recreation Facilities. Three credit hours. Second semester. Prerequisite, Sociology 127.

130. Community Organization. Three credit hours. Second

semester. Prerequisite, Sociology 101-102; must be accompanied by Sociology 140. Limited to Seniors in the College of Commerce and Journalism and to graduate students. Registration by consent of instructor only.

131. The Criminal. Three credit hours. First semester. Prerequisite, Sociology 101-102.

132. Penology. Three credit hours. Second semester. Prerequisite, Sociology 131.

133. Municipal Sociology. Three credit hours. First semester. Three recitations each week. Prerequisite, Sociology 101-102.

134. American Race Problems. Three credit hours. Second semester. Prerequisite, Sociology 101-102.

135-136. Social Statistics. Three credit hours. The year. Prerequisite, Sociology 101-102.

137. The Assimilation of the Immigrant. Three credit hours. First semester. Prerequisite, Sociology 104.

138. Red Cross Administration. Three credit hours. Second semester.

140. Community Surveys. Two credit hours. Second semester. Prerequisite, Sociology 135-136. This course must be accompanied by Sociology 130.

141-142. Principles of Sociology. Three credit hours. The year. The number of students admitted to this course is limited to thirty.

145. Organization for Social Welfare. Three credit hours. First semester. Prerequisite, Sociology 101-102.

148. Rural Social Institutions. Three credit hours. Second semester. Prerequisite, Sociology 101-102.

149-150. Proseminary in Social Case Work. Two credit hours. The year. Prerequisite, Sociology 115-116, and open only to Seniors in social work and graduate students.

GRADUATE WORK

Prerequisite for Graduate Work: Students expecting to do graduate work in Sociology must have a course in the principles of economics and at least a year's work in sociology. It is highly desirable that they be well equipped in pyschology and biology, and have a reading knowledge of French and German. Two semester courses of three hours each on the principles of sociology are a

prerequisite to the following courses in sociology, which are open only to advanced undergraduates and graduates: 104, 109, 111, 112, 115, 116, 117, 118, 125, 126, 130, 131, 132, 133, 134, 135, 136, 137, 140, 145, 148, 149, 150, 201, 202, 207, 208, 209, 210, 215, 216.

201-202. Advanced Sociology. Two credit hours. The year.

207-208. Seminary in Sociology. Two credit hours. The year.

209-210. Administration of Social Agencies. Four credit hours. The year. Prerequisite, graduate standing.

215-216. Research in Social Statistics.

SUMMER SESSION—1921

101. Principles of Sociology. Three credit hours. Mr. Lumley, Mr. Clarke.

115. Field Work in Sociology. Eight credit hours.

137. The Assimilation of the Immigrant. Three credit hours. Mr. Clarke.

201. Advanced Sociology. Two credit hours. Mr. Lumley.

EDUCATION

(See History and Philosophy of Education, School Administration, and Psychology)

ELECTRICAL ENGINEERING

Office, 171 Robinson Laboratory

PROFESSORS CALDWELL AND WRIGHT, ASSISTANT PROFESSORS BROWN AND PUCHSTEIN, MR. SHEPARDSON, AND DEPARTMENT ASSISTANTS

101. Electrical Engineering. Five credit hours. First semester. Three lectures and four laboratory hours each week. Chemical and Mechanical Engineering, fourth year. Prerequisite, Physics 112 or 114.

103. Electrical Engineering. Three credit hours. First semester. Two lectures and three laboratory hours each week. Metallurgical and Mine Engineering, fourth year; Civil Engineering (Civil Engineering group), fourth year, alternative with Civil Engineering 125 and 141. Prerequisite, Physics 112 or 125.

104. Direct Current Machinery. Five credit hours. Second semester. Three lectures and four laboratory hours each week. Electrical Engineering, third year. Prerequisites, Physics 135, Mathematics 142, and Mechanics 101.

106. Applications of Electricity. One and one-half credit hours. Second semester. Three lectures each week for one-half semester.

Electrical Engineering, third year. Prerequisites, Physics 135 and Mathematics 142.

108. Alternating Current Circuits and Machinery. One and one-half credit hours. Three lectures each week for first half of second semester. Electrical Engineering, third year. Prerequisites, Mathematics 142, Physics 135, Mechanics 101; concurrent, Electrical Engineering 104.

109. Alternating Current Machinery. Three credit hours. First semester. A continuation of Electrical Engineering 108. Three lectures each week. Electrical Engineering, fourth year. Prerequisite, Electrical Engineering 108; concurrent, Electrical Engineering 111.

111-112. Alternating Current Laboratory. Three credit hours. The year. Electrical Engineering, fourth year. Prerequisite, Electrical Engineering 108; concurrent, Electrical Engineering 109.

113. Electric Railways. Three credit hours. First semester. Two recitations and three laboratory hours each week. Electrical Engineering, fourth year, alternative with Electrical Engineering 115, 117, and 119. Prerequisite, Electrical Engineering 104; concurrent, Electrical Engineering 109.

115. Telephony. Three credit hours. First semester. Two recitations and three laboratory hours each week. Electrical Engineering, fourth year, alternative with Electrical Engineering 113, 117, and 119.

117. Electric Illumination. Two or three credit hours. First semester. Two recitations and three laboratory hours each week. Electrical Engineering, fourth year, three credit hours, alternative with Electrical Engineering 113, 115, and 119. Architectural Engineering, third year, two credit hours. Prerequisite, Physics 118 or 132.

119. Wireless Telegraphy. Three credit hours. First semester. Two recitations and three laboratory hours each week. Electrical Engineering, fourth year, alternative with Electrical Engineering 113, 115, 117.

121. Electrical Design. Three credit hours. First semester. Two three-hour drawing periods each week. Electrical Engineering, fourth year. Prerequisite, Electrical Engineering 104.

122. Electrical Design. Two credit hours. Second semester. A continuation of Electrical Engineering 121. One four-hour drawing period each week. Electrical Engineering, fourth year, elective.

124. Electrical Transmission and Distribution. Three credit hours. Second semester. Three lectures each week. Electrical Engineering, fourth year. Prerequisite, Electrical Engineering 109.

125-126. Special Reading and Laboratory. Credit hours to be arranged. The year. Elective for fourth year Electrical Engineering and graduate students with the consent of the instructor in charge. Prerequisites, Electrical Engineering 104 and 108.

127. Thesis. One credit hour. First semester. Electrical Engineering, fourth year. Prerequisites, Electrical Engineering 104 and 108.

128. Thesis. Five credit hours. Second semester. Electrical Engineering, fourth year.

130. Inspection Trip. Second semester. Electrical Engineering, fourth year. Prerequisite, Mechanics 102.

132. Inspection Trip to the West. April 30th to May 5th, 1923. Required in Electrical Engineering, third and fourth years. Given only in odd-numbered years.

134. Reading Course. Second semester. Electrical Engineering, fourth year. This may be taken as a substitute for Electrical Engineering 130 on presentation of reasons satisfactory to the head of the department.

136. Reading Course. Electrical Engineering, third or fourth year. April 30th to May 5th, 1923. A written report on assigned reading upon processes of manufacture and power plants. This may be taken as a substitute for Electrical Engineering 132 on presentation of reasons satisfactory to the head of the department.

138. Advanced Laboratory. Two credit hours. Second semester. One four-hour laboratory period each week. Electrical Engineering, fourth year, elective.

139. Experience in Practice. Eight weeks during any summer vacation. Electrical Engineering.

140. The Application of Hyperbolic Functions to Electrical Engineering Problems. Two credit hours. Second semester. Two two-hour laboratory periods each week. Elective. Prerequisite, Electrical Engineering 109; concurrent, Electrical Engineering 124.

142. Electrical Equipment. Two credit hours. Second semester. Two recitations each week. Metallurgical and Mine Engineering, fourth year. Prerequisite, Electrical Engineering 103.

GRADUATE WORK

Prerequisite for Graduate Work: Graduate work in Electrical Engineering presupposes the requisite foundation courses in mathematics, physics, and electrical measurements.

For major work a candidate must hold a baccalaureate degree in Electrical Engineering.

The following courses are open only to advanced undergraduates and graduates: 113, 115, 117, 119, 122, 125, 126, 138, 201, 202, 203, 204, 205, 206, 207, 208.

201-202. Advanced Alternating Current Machinery. Two credit hours. The year.

203-204. Transient Electrical Phenomena. Two credit hours. The year.

205-206. Advanced Alternating Current Dynamo Laboratory. Two credit hours. The year.

207-208. Research Work. Three to five credit hours. The year. Library, conference, and laboratory work. Prerequisite, two years of work in electrical and allied subjects and the permission of the instructor in charge.

ENGINEERING DRAWING

Office, 204 Brown Hall

PROFESSORS FRENCH AND MEIKLEJOHN, ASSISTANT PROFESSORS WILLIAMS, TURNBULL, AND SVENSEN, MR. FIELD, MR. PAFFENBARGER, MR. YERGES, AND DEPARTMENT ASSISTANTS

101. Elementary Mechanical Drawing. Two credit hours. Either semester. All four-year Engineering courses, first year.

102. Mechanical Drawing. Three credit hours. Either semester. All four-year Engineering courses, first year. Prerequisite, Engineering Drawing 101.

103. Descriptive Geometry. Three credit hours. First semester. Two recitations, one drawing period each week. Ceramic, Chemical, Electrical, General, Mechanical, Metallurgical, and Mine Engineering, second year. Prerequisite, Engineering Drawing 102.

104. Machine Drawing. Three credit hours. Second semester. One lecture, two drawing periods each week. Ceramic, Chemical, General, and Mechanical Engineering, second year. Prerequisite, Engineering Drawing 103.

105. Descriptive Geometry. Three credit hours. First semester. Two lectures, one drawing period each week. Civil Engineering, second year. Prerequisite, Engineering Drawing 102.

106. Advanced Descriptive Geometry. Three credit hours. Second semester. Two lectures, one drawing period each week. Civil Engineering, second year. Prerequisite, Engineering Drawing 105.

107. Descriptive Geometry. Three credit hours. First semester. Two recitations, one drawing period each week. Architecture and Architectural Engineering, second year. Prerequisite, Engineering Drawing 102.

108. Practical Descriptive Geometry. Three credit hours. First semester. Two recitations, one drawing period each week. Landscape Architecture, second year. Prerequisite, Engineering Drawing 125.

110. Technical Drawing. Two credit hours. Second semester. Electrical Engineering, second year. Prerequisite, Engineering Drawing 103.

111. Technical Drawing. Two credit hours. First semester. Electrical and Mechanical Engineering, third year. Prerequisite, Engineering Drawing 104 or 110.

121-122. Technical Drawing. Two credit hours. The year. Chemical Engineering, third year. Prerequisite. Engineering Drawing 104.

125. Mechanical Drawing. Two credit hours. Either semester. College of Agriculture, first year.

127. Mechanical Drawing. One and one-half credit hours. First semester. Home Economics, first year; Science Nursing, first year.

128. House Planning. One and one-half credit hours. Second semester. Home Economics, first year; Science Nursing, first year. Prerequisite, Engineering Drawing 127.

129. Elementary Drawing. One credit hour. First semester. Pharmacy, second year.

130. Free-hand Lettering and Technical Sketching. Two credit hours. Second semester. Pharmacy, second year.

131-132. The Teaching of Mechanical Drawing. Three credit hours. The year.

139. Drawing for Manual Arts Teachers. Four credit hours. First semester. Industrial Education, first year.

140. Drawing for Manual Arts Teachers. Three credit hours. Second semester. Industrial Education, first year. Prerequisite, Engineering Drawing 139.

145. Industrial Drawing and Slide Rule. Two credit hours. First semester. Four laboratory hours each week. Manufacturing group. Prerequisite, Junior standing, or permission of instructor.

The following courses are open only to advanced undergraduates and graduates: 121, 122.

SUMMER SESSION—1921

103. Descriptive Geometry. Three credit hours. Mr. Field.

139. Drawing for Manual Arts Teachers. Four credit hours. Mr. Field.

140. Drawing for Manual Arts Teachers. Three credit hours. Mr. Field.

ENGLISH

Office, 103 Physics Building

PROFESSORS DENNEY, TAYLOR, McKNIGHT, GRAVES, KETCHAM, AND BECK, ASSISTANT PROFESSORS ANDREWS AND PERCIVAL, MR. CRAIG, MR. WILEY, MISS DOLLINGER, MISS SNIFFEN, MR. BURNET, MISS HARBARGER, MR. SHIVELY, MR. FRENCH, MISS PEGG, MISS ROBINSON, MR. MILLER, MISS HAAS, MR. RAYMUND, AND DEPARTMENT ASSISTANTS

101. Paragraph Writing: Description and Narration. Two credit hours. Either semester.

English 101 is given also in the Summer Session.

104. Paragraph Writing: Exposition and Argumentation. Two credit hours. Either semester. Prerequisite, English 101.

English 104 is given also in the Summer Session.

105. Descriptive and Narrative Writing. Two credit hours. First semester. The number admitted to this course is limited to thirty. Special permission necessary. Prerequisites, English 101, 104.

106. Expository Writing. Two credit hours. Second semester. The number admitted to this course is limited to thirty. Special permission necessary. Prerequisites, English 101, 104, 105.

107. Advanced Composition. Two credit hours. First semester. The number admitted to this course is limited to thirty. Special permission necessary. Prerequisites, English 101, 104.

108. Advanced Composition. Two credit hours. Second semes-

ter. The number admitted to this course is limited to thirty. Special permission necessary. Prerequisites, English 101, 104.

119. Advanced English for Engineers. Three credit hours. Either semester. Elective. Prerequisites, English 101 and 104.

127. History of the English Language. Two credit hours. First semester. No prerequisite course.

128. English Words. Two credit hours. Second semester. No prerequisite course.

Textbook: Greenough and Kittredge's Words and their Ways in English Speech.

129. The English Bible. Three credit hours. Either semester. No prerequisite.

133. Introduction to American Literature. Three credit hours. Either semester. No prerequisite course.

136. Eighteenth Century Poetry and Prose. Three credit hours. First semester. Prerequisite, ten hours of English.

137. The Life and Times of Dr. Samuel Johnson. Three credit hours. Second semester. Prerequisite, English 136.

141. Nineteenth Century Poetry. Three credit hours. First semester. No prerequisite course.

Wordsworth, Shelley, Keats, and their contemporaries.

142. Nineteenth Century Poetry. Three credit hours. Second semester. No prerequisite course.

Reading and criticism as far as possible complete of Tennyson and Browning. Some initial consideration will be undertaken of Fitzgerald, Arnold, Swinburne, Rossetti, Morris and Meredith.

143. Literature and Composition. Two credit hours. First semester. Prerequisite, at least ten hours of English. Special permission necessary.

144. Literature and Composition. Two credit hours. Second semester. Continuation of English 143. Prerequisite, at least ten hours of English. Special permission necessary.

145. Nineteenth Century Prose. Three credit hours. First semester. No prerequisite course.

Reading in Coleridge, Lamb, Landor, DeQuincey, Hazlitt, and Carlyle.

146. Nineteenth Century Prose. Three credit hours. Second semester. No prerequisite course.

Reading in Arnold, Ruskin, Newman, Pater, Stevenson, and in recent and contemporary essayists.

***151. Old English.** Three credit hours. First semester. No prerequisite course.

Old English prose and poetry as found in Bright's Anglo-Saxon Reader.

***152. Old and Middle English.** Three credit hours. Second semester. Prerequisite, English 151.

Beowulf, followed by selections illustrating the language and literature from the Norman Conquest to the time of Chaucer.

153. Chaucer and his Principal Contemporaries and Successors. Three credit hours. Second semester.

Chaucer's principal works are read. Consideration is given also to Gower, Wycliffe, Langland, the author of Sir Gawayne and the Grene Knight, Occleve, Lydgate, Barbour, James I of Scotland, Dunbar, etc.

154. English Medieval Literature to Chaucer. Three credit hours. First semester.

155. The Novel: Richardson to Scott. Three credit hours. First semester. Prerequisite, fourteen hours of English.

The history and development of the novel in this period is given by lecture. Reading and criticism of Richardson, Fielding, Sterne, Jane Austen, and Scott.

156. The Novel: Dickens to Meredith. Three credit hours. Second semester. Prerequisite, fourteen hours of English.

The history and the development of the novel in this period is given by lecture. Reading and criticism of Dickens, Thackeray, Trollope, George Eliot, Meredith, Hardy, and James.

157. Versification. Three credit hours. First semester. This course is limited to thirty members. Open only to Juniors and Seniors. Special permission necessary. The course should be preceded by a year-course in poetry.

158. The Short Story. Three credit hours. Second semester. Prerequisites, English 105 and 106 or 107 and 108. This course is limited to thirty members. Open only to Juniors and Seniors. Special permission necessary.

159. Milton and his Contemporaries. Two credit hours. First semester. Prerequisite, fourteen hours of English.

160. The Age of Dryden. Two credit hours. Second semester. Prerequisite, fourteen hours of English.

---

*Not given in 1921-1922.

167. Shakespeare: Histories and Tragedies. Three credit hours. First semester. Prerequisite, fourteen hours of English.

168. Shakespeare: Comedies and Romances. Three credit hours. Second semester. Prerequisite, fourteen hours of English.

169. Recent and Contemporary Drama. Two credit hours. First semester. Prerequisites, English 167, 168.

One or two plays of each of the leading dramatists since Ibsen will be read, the foreign plays in translation. The authors considered will be Ibsen, Strindberg, Hauptmann, Sudermann, Schnitzler, Brieux, Hervieu, Wilde, Pinero, Jones, Barker, Galsworthy, Shaw, Rostand, Maeterlinck, Yeats, Synge.

170. Recent and Contemporary Drama. Two credit hours. Second semester. Continuation of English 169.

171. Shakespeare's Contemporaries and Successors in Drama. Two credit hours. First semester. Prerequisite or concurrent, English 167, 168.

172. Shakespeare's Contemporaries and Successors in Drama. Two credit hours. Second semester. Continuation of English 171.

181. The Teaching of English. Two credit hours. First semester. Prerequisite, ten hours of English.

GRADUATE WORK

Prerequisite for Graduate Work: For graduate work in this department the student should have a reading knowledge of at least two languages besides English, and not less than twenty semester hours in undergraduate English courses. He should also be familiar with the outlines of English history.

In awarding fellowships in English, other things being equal, preference will be given to the candidate whose previous training has included courses in Latin, Greek, German, French, English history, American history, psychology, the history of philosophy, esthetics, and at least twenty semester hours in English, including at least one course in Old and Middle English.

The following courses are open only to advanced undergraduates and graduates: 136, 137, 143, 144, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 167, 168, 169, 170, 171, 172, 181, 201, 202, 205, 206, 207, 208, 209, 210, 212, 215, 218, 219, 220, 221.

201. History of the Short Narrative in English. Two credit hours. First semester.

An investigation of types of the short story in English, from the Middle Ages to the present.

202. The Lyric. Two credit hours. Second semester.

A study of the characteristics of lyrical poetry with a history of the lyric in English literature.

***205. History of Critical Theory.** Two credit hours. First semester.

Saintsbury's Loci Critici is used as the basis of individual investigations.

206. Problems in the Drama. Two credit hours. Second semester. Lectures on the history of dramatic theory.

207. The Later Novel. Two credit hours. First semester. Meredith, Hardy, and James.

208. The Later Poetry. Two credit hours. Second semester. Swinburne, Rossetti, Morris, and Meredith, Henley, Kipling.

***209. English and Scottish Popular Ballads.** Two credit hours. First semester.

210. English Usage. Two credit hours. Second semester.

212. The Celtic Renaissance. Two credit hours. First semester.

Subjects for study: The Ossianic literature of the eighteenth century, Lady Guest's translation of the Welsh Mabinogion and the English literary works inspired by the translation. The modern revival of ancient Irish story and the related modern literature by Yeats, Lady Gregory, Fiona Macleod, Synge, and others.

215. Studies in Seventeenth Century Literature. Two credit hours. First semester.

The topic for 1921-1922 will be diaries, memoirs, and books of travel.

218. Studies in Eighteenth Century Literature. Two credit hours. Second semester.

The topic for 1921-1922 will be The French Revolution and English Literature.

219-220. Discussion of Dissertations. Two credit hours. The year.

221. Early Popular Drama. Two credit hours. First semester.

*Not given in 1921-1922.

SUMMER SESSION—1921

106. Expository Writing. Two credit hours. Mr. Beck.

128. English Words. Two credit hours. Mr. McKnight.

133. Introduction to American Literature. Three credit hours. Mr. Wiley.

136. Eighteenth Century Poetry and Prose. Three credit hours. Mr. Beck.

146. Nineteenth Century Prose. Three credit hours. Mr. Wiley.

153. Chaucer and his Principal Contemporaries and Successors. Three credit hours. Mr. Schneider.

155. The Novel: Richardson to Scott. Three credit hours. Mr. Tupper.

168. Shakespeare: Comedies and Romances. Three credit hours. Mr. Schneider.

169. Modern English Drama from 1660. Three credit hours. Mr. Tupper.

180. Spoken and Written English. Teachers' Course. Two credit hours.

181. The Teaching of English. Two credit hours. Mr. Beck.

202. The Lyric. Two credit hours. Mr. Schneider.

206. Problems in the Drama. Two credit hours. Mr. Tupper.

210. English Usage. Two credit hours. Mr. McKnight.

PUBLIC SPEAKING

101. Public Speaking. Two credit hours. First semester. Prerequisites, English 101, 104.

102. Debating. Two credit hours. Second semester. Prerequisites, English 101, 104.

107-108. Advanced Argumentation and Debate. Three credit hours. The year. Prerequisite, consent of the instructor.

110. Advanced Debate Practice. Two credit hours. Second semester. Two practice periods each week. Elective. Prerequisite, consent of instructor.

114. Extempore Speaking. Two credit hours. Second semester. Prerequisite, Public Speaking 102.

***121-122. Masters of Public Address.** Two credit hours. The year. May be taken with Public Speaking 101 and 102, but may not precede them. Given biennially.

*Not given in 1921-1922.

125-126. The Forms of Public Address. Two credit hours. The year. Prerequisites, Public Speaking 101, 102.

151-152. Special Problems in the Theory of Public Speaking. Two credit hours. The year. Prerequisites, Public Speaking 101, 102, and four additional hours of public speaking. Given biennially.

The following courses are open only to advanced undergraduates and graduates: 151, 152.

ENTOMOLOGY

(See Zoology and Entomology)

EUROPEAN HISTORY

Office, 305 University Hall

PROFESSORS SIEBERT AND McNEAL, ASSISTANT PROFESSORS WASHBURNE AND KNIPFING, MR. BURROUGHS, MR. NOYES, MR. STUCKERT, MR. GREER

101. Medieval History. Three credit hours. First semester.

European History 101 is given also during the second semester.

102. Modern History from 1500 A. D. Three credit hours. Second semester.

European History 102 is given also during the first semester.

103-104. History of England. Three credit hours. The year. No prerequisite for Sophomores, Juniors, and Seniors.

105. Greek History. Three credit hours. First semester. No prerequisite for Sophomores, Juniors, and Seniors.

106. Roman History. Three credit hours. Second semester. No prerequisite for Sophomores, Juniors, and Seniors.

107-108. Medieval Civilization. Two credit hours. The year. Prerequisites, European History 101 and 102; advanced students from other departments admitted without the prerequisite on consent of the instructor.

109. The Age of the Renaissance, 1250 to 1500 A. D. Two credit hours. First semester. Prerequisites, European History 101 and 102.

110. The Period of the Reformation. Two credit hours. Second semester. Prerequisites, European History 101 and 102.

113-114. Constitutional History of England. Three credit hours. The year. Prerequisites, European History 101 and 102.

118. Europe and Asia: The Far Eastern Question. Two credit hours. Second semester. Prerequisites, European History 101 and 102.

***119-120. History of Germany.** Two credit hours. The year. No prerequisite for Sophomores, Juniors, and Seniors.

121-122. History of France. Two credit hours. The year. No prerequisite for Sophomores, Juniors, and Seniors.

123-124. Europe from 1815 to 1920. Three credit hours. The year. Prerequisites, European History 101 and 102.

125-126. Ancient and Medieval Christianity. Three credit hours. The year. Prerequisites, European History 101 and 102. Lectures, collateral reading and reports.

129-130. Historical Literature and Method. Two credit hours. The year. Two lectures each week. Prerequisites, European History 101 and 102, and at least one other year-course in the department.

131-132. The World War: its Causes, Issues, and Results. Three credit hours. The year. Not open to Freshmen.

***137. The Early Middle Age.** Two credit hours. First semester. Prerequisites, European History 101 and 102.

***138. The Feudal Age.** Two credit hours. Second semester. Prerequisites, European History 101 and 102.

***139. Non-Christian Religions in the Roman Empire.** Two credit hours. First semester. Prerequisites, European History 105 and 106. The topical method. Conferences and reports.

141-142. The History of the Expansion of Europe. Two credit hours. The year. Prerequisites, European History 101 and 102.

***143-144. The History of the Slavic Peoples of Europe.** Two credit hours. The year. Prerequisites, European History 101 and 102.

145-146. Hellenic Civilization. Two credit hours. The year. Prerequisites, European History 105 and 106. The topical method. Conferences and reports.

***148. Ancient Imperialism.** Two credit hours. Second semester. Prerequisites, European History 105 and 106. The topical method. Conferences and reports.

152. The Teaching of European History. Two credit hours. Second semester.

153-154. England in the Tudor and Stuart Period. Three credit hours. The year. Prerequisites, European History 101 and 102, and European History 103-104 or American History 101-102.

*Not given in 1921-1922.

***155-156. History of England from the Reform Bill of 1832 to the Present.** Three credit hours. The year. Prerequisites, European History 101 and 102 and 103-104. (Other advanced students by permission.)

GRADUATE WORK

Prerequisite for Graduate Work: The following courses presuppose substantial collegiate courses in Medieval and Modern European history—one year's work—and at least one other year's course in European history. A reading knowledge of French or German will be required. A knowledge of European political institutions will prove serviceable. The student who intends to make European history his graduate "major" must previously have completed the equivalent of at least four semester courses of three hours each in the subject.

The following courses are open only to advanced undergraduates and graduates: 107, 108, 109, 110, 113, 114, 118, 123, 124, 125, 126, 129, 130, 137, 138, 139, 141, 142, 143, 144, 145, 146, 148, 152, 153, 154, 155, 156, 203, 204.

203-204. Seminary in European History. Two to five credit hours. The year. A two-hour period once a week.

SUMMER SESSION—1921

103. History of England to 1485 A. D. Three credit hours. Mr. Noyes.

122. History of France. Two credit hours. Mr. McNeal.

123. Europe from 1815 to 1871. Three credit hours. Mr. Noyes.

132. The World War: its Causes, Issues, and Results. Three credit hours. Mr. McNeal.

152. The Teaching of European History. Two credit hours. Mr. Noyes.

204. Seminary in European History. Two to five credit hours. Mr. McNeal.

EYE, EAR, NOSE, AND THROAT

Office, Homoeopathic Hospital

PROFESSOR FERREE, DR. SAGE, AND DEPARTMENT ASSISTANTS

105-106. Eye, Ear, Nose, and Throat. Two credit hours. The year. Two teaching periods each week. Third year, Homoeopathic Medicine.

*Not given in 1921-1922.

107-108. Eye, Ear, Nose, and Throat. Two credit hours. The year. One clinical lecture and twelve hours work in clinics each week. Fourth year, Homoeopathic Medicine.

130. Research Work. Elective. No credit given. Offered in the College of Homoeopathic Medicine to graduates in Medicine who desire to do special work in the eye, ear, nose, and throat.

FARM CROPS

Office, 101 Horticulture Building

PROFESSORS PARK AND WILLIAMS (NON-RESIDENT), ASSISTANT PROFESSOR WILLARD, MR. BORST, AND DEPARTMENT ASSISTANTS

101. Field Crop Production. Four credit hours. Either semester. Three lectures and two laboratory hours each week. Prerequisite, Botany 101-102. Botany 102 may be taken concurrently.

109. Cereal Crops. Four credit hours. First semester. Three lectures and two laboratory hours each week. Prerequisite, Botany 101-102.

111. Forage Crops. Four credit hours. Second semester. Three lectures and two laboratory hours each week. Prerequisite, Botany 101-102.

112. Special Crops. Two credit hours. Second semester. Prerequisite, Farm Crops 101, 109, or 111.

113. Plant Breeding. Three credit hours. Second semester. Two lectures and one laboratory period each week. Prerequisites, Farm Crops 101, 109, or 111, and Zoology 115.

119-120. Minor Investigations. Two to four credit hours. The year. Prerequisite, two other courses in the department and permission of the instructor.

123. Crop Ecology. Two credit hours. First semester. Two lectures each week. Prerequisite, Farm Crops 101, 109, or 111.

GRADUATE WORK

Prerequisite for Graduate Work: As a prerequisite for graduate work in Farm Crops, students must have had at least one year's work in college botany, one year's work in college chemistry, an introductory course in soils, and one year's work in farm crops.

The following courses are open only to advanced undergraduates and graduates: 112, 113, 119, 120, 123, 201, 202, 203, 204.

201-202. Research in Plant Breeding and Crop Production. Five to ten credit hours. The year. Prerequisite, an advanced course in farm crops.

203-204. Seminary in Farm Crops. One credit hour. The year. Required of graduates majoring in this department. Prerequisite, at least two courses in farm crops.

FRENCH

(See Romance Languages and Literatures)

GEOLOGY

Office, 103 Orton Hall

PROFESSORS BOWNOCKER AND CARMAN, ASSISTANT PROFESSOR PEATTIE, MISS MORNINGSTAR, MR. LAMBORN, MR. WEBB, AND DEPARTMENT ASSISTANTS

103. Structural and Dynamical Geology. Three credit hours. First semester. Prerequisite, Geology 101-102 or 119-120.

104. Historical Geology. Three credit hours. Second semester. Recitations, lectures, laboratory, and field trips. Prerequisite, Geology 103.

105. Stratigraphic Geology of Ohio. Three credit hours. First semester. Prerequisite, Geology 103-104 or 119-120.

106. Glacial Geology. Three credit hours. Second semester. Prerequisite, Geology 101-102 or 119-120.

107-108. Invertebrate Paleontology. Three credit hours. The year. Recitations, lectures, and laboratory work. Prerequisite, Geology 103-104 or 119-120.

113-114. Areal Geology. Two to five credit hours. The year. Prerequisites, Geology 103-104, 105, and 107-108 for stratigraphy, and 103-104 and 106 for surficial geology. Field work.

***115. Physiography.** Three credit hours. First semester. Prerequisite, Geology 101-102 or 119-120.

116. Physiography of the United States. Three credit hours. First semester. Lectures, assigned readings and laboratory. Prerequisite, Geology 101-102, or 115.

119-120. General Geology. Four credit hours. The year. Three recitations and one laboratory period of two hours each week. Occasional field trips on Saturday. This is the first course in Geology.

121. Introduction to Geography. Three credit hours. First semester. Lectures, assigned reading, and laboratory.

*Not given in 1921-1922.

122. Geography of North America. Three credit hours. Second semester. Lectures, assigned reading, and laboratory. Prerequisite, Geology 121.

***124. Physical and Regional Geography of Europe.** Three credit hours. Second semester. Lectures, assigned reading, and laboratory. Prerequisite, Geology 121.

***125. Geography of Asia.** Three credit hours. First semester. Lectures, assigned reading, and laboratory. Prerequisite, Geology 121.

128. The Teaching of Geography. Three credit hours. Second semester. Lectures, assigned reading, laboratory, and field work. The field work will replace laboratory when given.

141-142. Special Problems. Two to five credit hours. The year. A study of special topics and current literature in geology. Assigned readings, conferences, and reports. (a) **Historical Geology;** (b) **Inorganic Geology;** (c) **Physiography.**

143-144. Advanced Paleontology. Two to four credit hours. The year. Laboratory work. Prerequisite, Geology 107-108.

151. Geology. Three credit hours. Either semester. Two recitations or lectures and one two-hour laboratory period each week. Agriculture, first year.

160. General Geology. Five credit hours. Second semester. Four recitations and two laboratory hours each week. Mine Engineering, second year.

167. Economic Geology. Three credit hours. First semester. Three recitations each week. Mine Engineering, fourth year. Prerequisite, Geology 103-104 or 119-120. Not open to Freshmen and Sophomores.

168. Geology. Three credit hours. Either semester. Two recitations and two laboratory hours each week. Metallurgical Engineering, second year; Ceramic and Civil Engineering, third year; Pharmacy, fourth year.

170. Economic Geology. Three credit hours. Second semester. Prerequisite, Geology 103-104 or 119-120. Not open to Freshmen and Sophomores.

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: The courses named below presuppose two years' work of collegiate character in Geology, which will usually consist of the general courses in physiography and inorganic and historical geology. If the student intends to specialize in historical geology he should have had, in addition to the above, general courses in chemistry, zoology, and botany; if in inorganic geology, general courses in chemistry, physics, and mineralogy; if in physiography, general courses in physics and chemistry.

The following courses are open only to advanced undergraduates and graduates: 105, 106, 107, 108, 113, 114, 116, 141, 142, 143, 144, 167, 170, 201, 202, 203, 204.

201-202. Advanced Historical Geology. Three credit hours. The year. Lectures and laboratory. Prerequisites, Geology 105 and 107-108.

203-204. Research Work. Three to five credit hours. The year. Prerequisite, preceding courses in inorganic or historical geology.

Field, laboratory, and library study. (a) **Stratigraphy and Paleontology.** The investigation of some field problem in stratigraphy, with laboratory and library study, or of some special subject in paleontology. (b) **Economic Geology.** The investigation of some field problem in petroleum, natural gas, coal, or salt.

GERMAN

Office, 317 University Hall

PROFESSORS M. B. EVANS, EISENLOHR, AND BLOOMFIELD,
ASSISTANT PROFESSOR THOMAS

The courses in German, beyond those of the first two years, are divided into three groups: literary, linguistic, and practice courses. The linguistic and practice courses are intended primarily for students who desire to make direct professional use of the language.

German 107 and 131 require as prerequisite, German 104 or equivalent. A combination of German 131-132 with German 107-108 or 117-118 is advised.

101-102. Elementary German. Four credit hours. The year.

German 101 is given also during the second semester.

German 102 is given also during the first semester.

103. Intermediate German. Four credit hours. Either semester. Prerequisite, German 101-102 or two entrance units. Not open to students who enter with four entrance units in German.

104. Easy Classical Reading and Composition. Four credit hours. Either semester. Prerequisite, German 103 or three entrance units in German. Not open to students who enter with four entrance units in German.

106. Science Reading. Four credit hours. Second semester. Prerequisite, German 103, or three entrance units in German.

107-108. Advanced German. Four credit hours. The year.

117-118. Schiller: Introduction to Life and Works. Two credit hours. The year.

First semester: Gedichte, Don Carlos, Braut von Messina. Second semester: Wallenstein, Dreissigjaehriger Krieg.

131-132. Conversation and Prose Composition. Two credit hours. The year. Prerequisite, consent of the instructor.

***173. The Teaching of German.** Two credit hours. First semester.

175. Phonetics. Two credit hours. First semester. Not open to Freshmen and Sophomores. No prerequisite.

Speech sounds with special reference to German, French, and English.

179-180. Proseminary: Eighteenth and Nineteenth Century Literature. Two or four credit hours. The year.

The course will be divided into two two-hour sections, which may be taken together or separately. The list of authors to be studied will vary from year to year. For 1921-1922 the selection will be:

First semester—

179a, Lessing: Emilia Galotti, Nathan der Weise, Hamburg Dramaturgy (Selections).

179b, Goethe: Faust.

Second semester—

180a, Scheffel: Ekkehard, Trompeter von Saekkingen.

180b, Hauptmann: selected dramas and a study of recent tendencies in German drama.

181-182. Minor Investigation. Two credit hours. The year. Prerequisite, at least two year-courses in the group for advanced undergraduates and graduates.

***197. English Sounds for Foreigners.** Two credit hours. Second semester. No prerequisite.

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: At least six semesters of work of college grade or the equivalent.

Candidates for the Master's degree should consult with the department before arranging their course.

The following courses are open only to advanced undergraduates and graduates: 173, 175, 179, 180, 181, 182, 201, 202, 203, 204, 212, 214, 215, 216.

***201-202. Advanced Middle High German.** Two credit hours. The year.

A critical study of German literature in the twelfth and thirteenth centuries.

***203. Gothic.** Two credit hours. First semester.

A philological and critical study of selections from the Bible of Wulfila.

***204. Old High German.** Two credit hours. Second semester.

Studies in the German language and literature of the period.

***212. Methodology.** Two credit hours. Second semester. Prerequisite, German 173 or teaching experience.

***214. Experimental Phonetics.** Two credit hours. Second semester.

215-216. Seminary in German Literature. Two credit hours. The year.

Topic for 1921-1922, History of the Medieval German Drama.

SUMMER SESSION—1921

106. Science Reading. Four credit hours. Mr. Evans.

118. Schiller: Introduction to Life and Works. Two credit hours. Mr. Balduf.

179. Proseminary: Eighteenth and Nineteenth Century Literature. Two credit hours. Mr. Evans.

215. Seminary in German Literature. Two credit hours. Mr. Evans.

GREEK LANGUAGE AND LITERATURE

Office, 200 A University Hall

PROFESSOR BOLLING

101-102. Elementary Greek. Four credit hours. The year.

---

*Not given in 1921-1922.

115-116. Greek Art. Two credit hours. The year. No prerequisite. Greek 115 is not a prerequisite to Greek 116.

Lectures on architecture, sculpture, and vases, and on Pre-Hellenic antiquities.

121-122. Historical Greek Grammar. Two to four credit hours, according to the needs of applicants. The year. This course does not presuppose any knowledge of Greek.

***123-124. Life and Literature of the Greeks.** Two credit hours. The year. No prerequisites.

Lectures on private life; on epic, lyric, and dramatic poetry; on the historians, the philosophers, and the orators.

Greek 115-116, 121-122, 123-124, 133-134, are planned to meet the needs of students who have no knowledge of Greek.

125. Plato. Four credit hours. First semester. Prerequisite, Greek 101-102.

Readings in the shorter dialogues; exercises in Greek prose.

126. Homer. Four credit hours. Second semester. Prerequisite, Greek 125.

Reading in the Iliad; exercises in Greek prose.

***127-128. Proseminary in Greek.** Two credit hours. The year. Prerequisite, one year of elementary Greek, and the equivalent of at least four semester courses of college Greek.

129-130. Attic Orators, Drama or Plato. Three credit hours. The year. Prerequisites, Greek 125, 126.

131-132. Greek Prose Composition. One credit hour. The year. Prerequisites, Greek 125-126.

133-134. Life and Literature of the Greeks. Two credit hours. The year. No prerequisites.

These courses consist partly of lectures, and partly of assigned reading in translations from the Greek epic and lyric poets and historians (123-124) alternating each year with a similar treatment (133-134) of the tragic and comic poets, the philosophers, and the orators.

A knowledge of Greek is not required. Each part is an independent unit and the work may be begun in any semester.

141. Principles of the Historical Study of Language. Two credit hours. First semester. No prerequisites.

151-152. Readings and Lectures. Two to four credit hours. The year.

*Not given in 1921-1922.

Prerequisite for Graduate Work: As a prerequisite for the work here indicated, except for Greek 121-122, 195, the student must have completed previously one year of elementary Greek and the equivalent of at least four semester courses of college Greek.

The following courses are open only to advanced undergraduates and graduates: 121, 122, 127, 128, 141, 151, 152.

SUMMER SESSION—1921

195. Principles of the Historical Study of Language. Two credit hours. Mr. Bolling.

GYNECOLOGY AND OBSTETRICS

Office, 209 Horticulture Building

PROFESSOR COGSWELL, DR. GREEN

GYNECOLOGY

105. Gynecology. Two credit hours. First semester. Two lecture hours or quizzes each week. Homoeopathic Medicine, third year.

107. Gynecology. Two credit hours. First semester. Two lecture hours each week. Homoeopathic Medicine, fourth year.

109-110. Clinical Lecture. One credit hour. The year. Homoeopathic Medicine, third and fourth years.

111-112. Gynecological Clinic. One credit hour. The year. Homoeopathic Medicine, fourth year.

OBSTETRICS

106. Normal Obstetrics. Two credit hours. Second semester. Two lectures or quizzes each week. Homoeopathic Medicine, third year.

108. Abnormal Obstetrics. Two credit hours. Second semester. Two lectures or quizzes each week. Homoeopathic Medicine, fourth year.

113-114. Obstetrical Clinic. One credit hour. The year. Homoeopathic Medicine, fourth year.

130. Research Work. Elective. No time credit for this course. This course is for students and practitioners who desire to do research work. All the laboratory facilities of the College will be at their disposal.

HISTORY

(See American History and European History)

HISTORY AND PHILOSOPHY OF EDUCATION

Office, 100 Hayes Hall

PROFESSOR ANDERSON

101-102. History of Education. Three credit hours. The year. Prerequisite, one year's work in European history, philosophy, or psychology.

103-104. Philosophy of Education. Two credit hours. The year. Prerequisites, History of Education 101-102, Psychology 101-102, and Philosophy 151-152.

***105-106. Educational Classics.** Two credit hours. The year. Prerequisites, History of Education 101-102 and Psychology 101-102.

107-108. Comparative Education. Two credit hours. The year. Prerequisite, consent of the instructor.

109-110. History of Education in the United States. Two credit hours. The year. Prerequisite, History of Education 101-102.

***112. History of Industrial Education.** Two credit hours. Second semester. Prerequisite, History of Education 101-102 or equivalent. Open to Seniors and graduates only.

113. History of the American High School. Two credit hours. First semester.

116. Present-Day Problems in Education. Two credit hours. Second semester.

GRADUATE WORK

Prerequisite for Graduate Work: Students who are expecting to take graduate work in this department must have work in Education amounting to at least twelve semester hours. A reading knowledge of at least one of the following languages is highly desirable: German, French, Latin, Greek.

The following courses are open only to advanced undergraduates and graduates: 103, 104, 105, 106, 107, 108, 109, 110, 112, 113, 116, 201, 202, 203, 204, 206.

*Not given in 1921-1922.

201-202. Seminary in the History of Education. Two credit hours. The year. Prerequisite, six hours in the history of education and one year's work in American or European history.

203-204. Seminary in Educational Philosophy. Two credit hours. The year. Prerequisites, History of Education 103-104, 105-106.

206. A Special Survey of Source Materials and of General Literature in the Field of the History of Education. One credit hour. Second semester. Prerequisite, History of Education 105-106. Lectures, assigned readings, reports, and discussions.

SUMMER SESSION—1921

101. History of Education. Three credit hours. Miss Marshall.

102. History of Education. Three credit hours. Mr. Anderson.

114. The American High School; an Historical and Comparative Study. Two credit hours. Mr. Anderson.

201-202. Seminary in the History of Education. One credit hour. Mr. Anderson.

HOME ECONOMICS

Office, 120 Home Economics Building

PROFESSOR LANMAN, ASSISTANT PROFESSORS WALKER, ADAMS, FINDLEY, AND SHELOW, MISS LINDER, MISS HAMBLIN, MISS DONNELLY, MISS McGUIRE, MISS BUTLER, MISS BOOTH, AND DEPARTMENT ASSISTANTS

101-102. Foods. Five credit hours. The year. Two lectures, one quiz, and two laboratory periods each week. Prerequisite, Chemistry 106 or 110.

104. Sanitation. Three credit hours. Either semester. Three lectures each week. Prerequisite or concurrent, Bacteriology 107.

105-106. Special Problems in Home Economics. Two to five credit hours. Home Economics 105 is given either semester; Home Economics 106, the second semester. One lecture each week. Prerequisite, eighteen hours of required Home Economics work; the consent of the instructor must be obtained in order to take 106.

110. Dietetics. Four credit hours. Either semester. Two lectures and two laboratory periods each week. Prerequisites, Home Economics 101-102, Physiology 101-102, Agricultural Chemistry 123-124.

111-112. Textiles. Two credit hours. The year. One lecture and one laboratory period each week. Prerequisite or concurrent Art 119.

113. Dress. Three credit hours. Either semester. One lecture and two laboratory periods each week. Prerequisite, Home Economics 111-112, and Art 121 prerequisite or concurrent.

116. Dress. Three credit hours. Second semester. One lecture and two laboratory periods each week.

118. The House. Three credit hours. Either semester. One lecture and two laboratory periods each week. Prerequisites, Art 131, Home Economics 112. Home Economics 104, Economics 101, Art 141, either prerequisite or concurrent.

119. Household Management. Four credit hours. Either semester. Three lectures each week. Continuation of Home Economics 118. Prerequisites, Economics 102, Art 141, Home Economics 102, 118, 104, or 110.

121. Food Problems. Three credit hours. Either semester. One lecture and two laboratory periods each week. Prerequisites, Chemistry 106 or 110, Home Economics 101-102, and consent of the instructor.

125-126. Survey of Home Economics. Three credit hours. The year. One lecture and two laboratory periods each week. Required in curriculum for Public Health nurses and elective for certain irregular students by consent of instructor.

127. Special Methods. Three credit hours. First semester. Prerequisites, Home Economics 101-102, 111-112, and Psychology 101.

128. Practice Teaching in Home Economics. Three credit hours. Second semester. Prerequisite, Home Economics 127. One lecture and a minimum of thirty class exercises in practice teaching during the semester.

129. Millinery. Two credit hours. First semester. Prerequisite or concurrent, Home Economics 113.

133. Abnormal Dietetics. Four credit hours. First semester. Two lectures and two laboratory periods each week. Prerequisites, Home Economics 110, Anatomy 116, and the consent of the instructor.

A continuation of Dietetics 110.

GRADUATE WORK

Prerequisite for Graduate Work: Major work in the department presupposes a baccalaureate degree in Home Economics. Satisfactory courses along the lines of food, clothing, and shelter must be included in the work offered.

The following courses are open only to advanced undergraduates and graduates: 105, 106, 110, 133, 201, 202.

201-202. Research in Home Economics. Two to five credit hours. The year.

HORTICULTURE AND FORESTRY

Office, 118 Horticulture and Forestry Building

PROFESSORS PADDOCK AND MONTGOMERY, ASSISTANT PROFESSORS SHERER, ELWOOD, AND HOTTES, MR. CHARLES, AND DEPARTMENT ASSISTANTS

101. Principles of Horticulture. Four credit hours. First semester. Three lectures and two laboratory hours each week. Required as a prerequisite for all horticultural courses except 118 and courses numerically listed between 151 and 172. Required of all students specializing in Horticulture. Credit cannot be received for this course if the student has already passed Horticulture 118. No prerequisite.

103-104. Commercial Vegetable Gardening. Four credit hours. The year. Three lectures and three laboratory hours each week. Prerequisites, Horticulture 101 and 120.

105-106. Pomology. Four credit hours. The year. Three lectures and two laboratory hours each week. Prerequisites, Horticulture 101, 120.

107. Plant Variations. Three credit hours. First semester. Prerequisite, Horticulture 106 or equivalent.

109-110. Experimental Horticulture. Three credit hours. The year. One lecture and laboratory work each week. Prerequisites, Horticulture 103-104, 106.

118. Farm Horticulture. Four credit hours. Either semester. Three lectures and two laboratory hours each week. Required of all Agricultural students. Not open to students who have credit for Horticulture 101 or 120.

120. Small Fruits and Grapes. Four credit hours. Second semester. Three lectures and two laboratory hours each week. Required of all students majoring in Horticulture. Credit cannot be given for this course if Horticulture 118 has been passed. Prerequisite, Horticulture 101.

121-122. Systematic Pomology. Four credit hours. The year. Three lectures and two laboratory hours each week. Prerequisite, Horticulture 105-106.

131. Systematic Vegetable Gardening. Four credit hours. First semester. Prerequisite, Horticulture 103-104.

132. Greenhouse Construction and Management. Four credit hours. Second semester. Prerequisite, Horticulture 101.

133. Horticultural Products. Three credit hours. First semester. One lecture and four laboratory hours each week. Prerequisites, Horticulture 103-104, 105-106.

140. Amateur Floriculture. Three credit hours. Second semester. Two lectures and two laboratory hours each week. Open to all students, excepting those in Floriculture.

141-142. Commercial Floriculture. Four credit hours. The year. Three lectures and three laboratory hours each week. Prerequisites, Horticulture 101, 132.

143. The Flower Shop. Three credit hours. Second semester. Two lectures and two laboratory hours each week. Prerequisite, Horticulture 141-142.

144. Conservatory and Bedding Plants. Three credit hours. Second semester. Two lectures and two laboratory hours each week. Prerequisite, Horticulture 141-142.

145-146. Garden Flowers. Three credit hours. The year. Two lectures and two laboratory hours each week. Prerequisite, Horticulture 101.

147-148. Systematic Floriculture. Three credit hours. The year. Two lectures and two laboratory hours each week. Prerequisite, Horticulture 141-142 or Horticulture 145-146.

150. Elementary Landscape Design. Three credit hours. Second semester. One lecture and two laboratory periods each week. Landscape Architecture, second year.

151-152. Plant Materials. Two credit hours. The year. One lecture and two laboratory hours each week. Landscape Architecture, second year. Prerequisite, Botany 101-102.

154. History of Landscape Architecture. Three credit hours. Second semester. Landscape Architecture, second year.

156. Landscape Architecture. Two credit hours. Second semester. Open to any student. Recommended for Juniors in Floriculture.

157-158. Landscape Design. Three credit hours. The year. One lecture and four laboratory hours each week. Landscape Architecture, third year. Prerequisite, Horticulture 154.

159-160. Advanced Landscape Design. Three credit hours. The year. Landscape Architecture, fourth year. Prerequisite, Horticulture 157-158.

162. Plant Materials. Four credit hours. Second semester. Landscape Architecture, third year. Prerequisite, Horticulture 151-152.

164. Landscape Surveying. Three credit hours. First semester. One lecture and two laboratory hours each week. Landscape Architecture, third year. Prerequisite, Civil Engineering 131.

166. Landscape Engineering. Three credit hours. Second semester. Landscape Architecture, fourth year. Prerequisite, Horticulture 164.

168. Plant Materials and Design. Four credit hours. Second semester. Landscape Architecture, fourth year. Prerequisite, Horticulture 162.

169-170. Special Problems. Three credit hours. The year. Open only to Seniors. For students who have shown special ability in this field of work, problems will be assigned. This course is purely elective.

172. Proseminary in Landscape. One credit hour. Second semester. Open to Seniors and graduate students.

173-174. Civic Design. Three credit hours. The year. Landscape Architecture, fourth year. Prerequisite, Horticulture 164.

180. Farm Woodlot. Four credit hours. Either semester. Three lectures with occasional recitations and one three-hour laboratory period each week. Elective.

181-182. Arboriculture and Ornamental Planting. Three credit hours. The year. Two lectures and one three-hour period of field or laboratory work each week. Elective.

183. Lumber. Three credit hours. First semester. Two lectures and one three-hour period of laboratory or field work. Elective.

184. Principles of Forestry. Three credit hours. Second semester. Three lectures with occasional recitations. Elective.

GRADUATE WORK

Prerequisite for Graduate Work: Candidates must hold the degree of Bachelor of Science in Horticulture, or its equivalent.

201-202. Research Work. Five to ten credit hours. The year.

INDUSTRIAL EDUCATION

(MANUAL TRAINING)

Office, 212 Shops Building

PROFESSOR USRY, MR. SMITH

111. Teaching of Manual Training. Three credit hours. First semester. Industrial Education, fourth year.

112. Materials and Methods. Three credit hours. Second semester. Industrial Education, fourth year.

117-118. Constructive Design. Two credit hours. The year. Industrial Education, third year. Prerequisite, Shopwork 133 or its equivalent.

123. Special Problems in Manual Training. Two credit hours. Either semester. For superintendents and principals.

125. Elementary Woodwork. Two credit hours. Second semester. Industrial Education, first year.

Formerly Shopwork 133.

127-128. Wood-Turning and Pattern-Making. Three credit hours. The year. Industrial Education, second year. Prerequisite, Industrial Education 125.

Formerly Shopwork 129-130.

129. Cabinet Making. Three credit hours. Either semester. Industrial Education, third year. Prerequisite, Industrial Education 125 or Shopwork 101.

Formerly Shopwork 113.

131. Advanced Cabinet Work. Three credit hours. First semester. Optional, Industrial Education, fourth year. Prerequisite, Industrial Education 129.

Formerly Shopwork 131.

132. Shop Planning and Equipment. Three credit hours. Second semester. Industrial Education, fourth year.

133. Electrical Work and Pipe Fitting. Two credit hours. First semester. Industrial Education, third year.

134. Sheet Metal Work. Two credit hours. Second semester. Industrial Education, third year.

135. Craftwork for Women. Two credit hours. Either semester. Primarily designed for women in Home Economics.

136. Craftwork for Women. Two credit hours. Either semester. Prerequisite, Industrial Education 135.

An advanced course following 135. Particular attention paid to the craftwork feature.

137. Methods Related to Agricultural Industry. Two credit hours. Second semester. Prerequisites, Shopwork 101 and 103 or equivalent.

138. Correlated Industrial Work. Two credit hours. Either semester. For students in Agricultural Education (Smith-Hughes) designed to give experience and practice in the type of industrial work that meets the need of repairs and construction on the farm.

Prerequisite for Graduate Work: Students expecting to do advanced work in this department should have some teaching experience, preferably in the capacity of principal or superintendent. Students who are expecting to go into administrative work will not be barred.

The following course is open only to advanced undergraduates and graduates: 123.

SUMMER SESSION—1921

112. Materials and Methods. Three credit hours. Mr. Usry.

117-118. Constructive Design. Two credit hours. Mr. Usry.

123. Special Problems in Manual Training. Two credit hours. Mr. Usry.

127-128. Wood-Turning and Pattern-Making. Three credit hours. Mr. Usry, Mr. Smith.

129. Cabinet Making. Three credit hours. Mr. Usry, Mr. Smith.

131. Advanced Cabinet Work. Three credit hours. Mr. Usry, Mr. Smith.

137. Methods Related to Agricultural Industry. Two credit hours. Mr. Usry.

INTERNAL MEDICINE

Office, 209 Horticulture Building

PROFESSOR WOLCOTT, DR. CARPENTER, DR. BAXTER, AND DR. JUNKERMANN

105-106. Practice of Medicine. Three credit hours. The year. Three lectures each week. Homoeopathic Medicine, third year.

107-108. Practice of Medicine. Three credit hours. The year. Three lectures each week. Homoeopathic Medicine, fourth year. A continuation of Internal Medicine 105-106.

109-110. Diagnostic Clinic. One credit hour. The year. Homoeopathic Medicine, third year.

111-112. Diagnostic Clinic. One credit hour. The year. Three two-hour periods. Homoeopathic Medicine, fourth year.

Continuation of Internal Medicine 109-110.

113-114. Dermatology. One credit hour. The year. Homoeopathic Medicine, fourth year.

115-116. Pediatrics. Two credit hours. The year. Two lectures each week. Homoeopathic Medicine, third year.

117-118. Pediatric Clinic. One credit hour. The year. Homoeopathic Medicine, fourth year.

119-120. Clinical Medicine. One credit hour. The year. Homoeopathic Medicine, third and fourth years.

123-124. Nervous Diseases. One credit hour. The year. One lecture each week, supplemented by clinical demonstrations in the hospital. Homoeopathic Medicine, fourth year.

125-126. Neuro-Psychiatric Clinic. No credit. The year. Homoeopathic Medicine, fourth year.

130. Research Work. Open to Seniors and graduates. All the facilities of the College laboratories and hospital are available for this work.

ITALIAN

(See Romance Languages and Literatures)

JOURNALISM

Office, 226 Shops Building

PROFESSORS MYERS AND HOOPER

101-102. News-Collecting and News-Writing. Three credit hours. The year. Two lectures and three laboratory hours each week. Not open to Freshmen.

Journalism 101 is given also during the second semester.

Journalism 102 is given also during the first semester.

103. Newspaper History and Comparative Journalism. Three credit hours. First semester. Prerequisite, Junior standing.

104. Newspaper Organization. Three credit hours. Second semester. Prerequisite, Junior standing.

105-106. Newspaper Practice. Three credit hours. The year. Two lectures and three laboratory hours each week. Prerequisite, Journalism 101-102.

107-108. Editorial Writing and News Interpretation. Three credit hours. The year. Prerequisite, Journalism 105-106.

109-110. Newspaper Problems. Two credit hours. The year. Prerequisite, Journalism 105-106.

113. Newspaper Ethics and Principles. Two credit hours. First semester. Prerequisite, Junior standing.

115-116. The Country Newspaper. Two credit hours. The year. Prerequisite, Journalism 105-106.

119. Newspaper Law. Two credit hours. Second semester. Prerequisite, Junior standing.

LATIN LANGUAGE AND LITERATURE

Office, 307 University Hall

PROFESSORS *DERBY, HODGMAN, AND ELDEN, MR. SMITH

101. Cicero, Livy, Horace, Aulus Gellius. Four credit hours. First semester. Prerequisite, four units of preparatory Latin.

Cicero: De Senecute and De Amicitia; Livy; Horace, Odes; Aulus Gellius, selections.

102. Horace, Ovid, Livy, Sallust. Four credit hours. Second semester. Prerequisite, Latin 101.

Horace: Odes; or Ovid; Metamorphoses; Livy or Sallust, or Prose Composition.

103. Pliny or Cicero; Catullus or Tacitus. Three credit hours. First semester. Prerequisites, Latin 101 and 102.

Pliny or Cicero: Selected letters. Catullus or Tacitus.

104. Latin Comedy. Three credit hours. Second semester. Prerequisite, Latin 103.

Plautus and Terence, three plays.

105. Roman Satire. Two credit hours. First semester. Prerequisite, Latin 101-104.

Horace, Juvenal, or Persius.

106. Roman Philosophy and Rhetoric. Two credit hours. Second semester. Prerequisite, Latin 101 to 104.

Cicero and Quintilian.

Latin 105 and 106 are important for Juniors and Seniors.

107. Roman Private Life. Two credit hours. First semester. Prerequisites, Latin 101, 102.

109. Roman Art and Archaeology. Two credit hours. Second semester. Open not only to students of Latin, but also to other students who are interested in the subject.

*Died March 28, 1921

111-112. Roman and Comparative Literature. One credit hour. The year. Open and useful not only to students of Latin, but also to those without a knowledge of Latin who desire to become acquainted with the broader outlines of Roman literature and its influence upon the literatures of France, Germany, and England.

113-114. Proseminary. Three credit hours. The year. Prerequisite, Latin 101-104.

115-116. Latin Prose Composition. Three credit hours. The year. Prerequisite, Latin 101-104.

Latin 115-116, should ordinarily be preceded or accompanied by Latin 105-106, or 121-122.

Latin 113-116 are essential for those students who are preparing to teach Latin and may be important for graduate students.

119-120. Advanced Latin Composition. One or two credit hours. The year. Prerequisite, Latin 115-116.

Translation of English narrative and study of Latin idiom.

121. Roman Prose Authors. Two credit hours. First semester.

Cicero, Seneca, Quintilian, Suetonius, or Tacitus.

122. Roman Poets. Two credit hours. Second semester.

Plautus, Terence, Lucretius, Vergil, Ovid, Lucan, Statius, Martial, or Silius Italicus.

Latin 121-122 is designed to give an opportunity to read a considerable portion of the author chosen, and is open to advanced students only.

123-124. Historical Latin Grammar. One credit hour. The year. Prerequisite, Latin 101-104.

Sounds and inflections.

125-126. Historical Latin Grammar. One credit hour. The year. Prerequisite, Latin 101-104.

Syntax.

Latin 123 to 126 are deemed essential for those who make Latin a major or minor subject of study in graduate work, and are recommended for advanced undergraduate study.

***127-128. Legal Latin.** One or two credit hours. The year. Prerequisite, Latin 101-102. Robinson's Selections from Roman Law.

This course is intended to serve as an introduction to the language and technical terms of Roman writers on law. It should be useful to students of law, history, and political science.

*Not given in 1921-1922.

129. Methods of Teaching Latin. Two credit hours. First semester. Prerequisite, two years of college Latin.

130. Practice in Reading at Sight. Two credit hours. Second semester. Prerequisite, two years of college Latin.

***131-132. Roman Public Life.** One or two credit hours. The year. Prerequisite, Latin 103-104 or European History 106.

147. Elementary Latin. Four credit hours. First semester. Grammar and exercises. This course is offered to students who have not studied Latin.

148. Elementary Latin. Four credit hours. Second semester. Prerequisite, Latin 147.

Caesar, four books, and exercises.

149. Cicero, Orations. Four credit hours. First semester. Prerequisites, Latin 147, 148, or their equivalent.

150. Vergil, Aeneid. Four credit hours. Second semester. Prerequisite, Latin 147 to 149, or their equivalent.

GRADUATE WORK

Prerequisite for Graduate Work: As a prerequisite for graduate work in this department, Latin courses of college grade, equivalent to not less than twenty semester hours, should have been completed.

The plan of study for the degree of Master of Arts, with Latin as a major subject, should consist of advanced work, and be completed with distinction.

The ability to use French or German works of reference, a good acquaintance with ancient history, and a familiarity with English literature are highly desirable.

Lines of reading and investigation, supplementary to the regular graduate courses and necessary to a well-rounded knowledge of the language, literature, and life of the Roman people may be required according to the needs of individual students.

The following courses are open only to advanced undergraduates and graduates: 109, 111, 112, 113, 114, 115, 116, 119, 120, 121, 122, 123, 124, 125, 126, 129, 130, 131, 132, 201, 202, 203, 204, 207, 208, 213, 214, 215, 216.

201-202. Roman Religion. One or two credit hours. The year. Lectures, and Fasti of Ovid.

203-204. Medieval Latin. One credit hour. The year.

The works of early and later medieval Latin writers, e.g., Jordanes,

*Not given in 1921-1922.

Getica; Einhard, Vita Caroli Magni; John of Salisbury; Policraticus.

***207-208. Seminary.** Two credit hours. The year.

213-214. Elements of Epigraphy and Palaeography. Two or three credit hours. The year.

***215-216. Roman Antiquities and Archaeology.** One to three credit hours. The year.

SUMMER SESSION—1921

103. Pliny's Letters. Two credit hours. Mr. Kent.

115. Latin Prose Composition. Two credit hours. Mr. Kent.

122. Latin Poets. Two credit hours. Mr. Kent.

LAW

Office, 113 Page Hall

PROFESSORS ADAMS, RIGHTMIRE, TUTTLE, LAYLIN, AND MADDEN

FIRST YEAR

Agency. Two credit hours. Second semester.

Cases and collateral reading. Reinhard's Cases.

Bailments and Public Service Companies. Two credit hours. Second semester.

Cases and collateral readings. Willis's Cases.

Common Law Pleading. Two credit hours. First semester.

Cases and collateral readings. Scott's Cases on Civil Procedure.

Contracts. Three credit hours. The year.

Williston's Cases on Contracts; selected cases; collateral references to assigned textbooks and other collateral readings.

Criminal Law. Three credit hours. First semester.

Mikell's Cases in Criminal Law, selected cases, and collateral readings.

Domestic Relations. Two credit hours. Second semester.

Marriage and divorce, husband and wife, parent and child, guardian and ward. Infancy, insanity, drunkenness, alienage.

Woodruff's Cases on Domestic Relations and Persons, illustrative statutes, and collateral readings.

Property I-II. Two credit hours. The year.

Warren's Cases on Property.

Personal property except liens and pledges; introduction to real property; rights in air, earth, and water; licenses; running covenants.

*Not given in 1921-1922

Torts. Three credit hours. The year.
Ames and Smith, Cases in Torts (Ed. 1909-10).

SECOND YEAR

The Work of the Second Year is all Elective

Carriers and Interstate Commerce Law. Two credit hours. First semester.

Cases and collateral readings. Green's Cases.

Code Pleading. Three credit hours. First semester.
Sunderland, Cases on Code Pleading.

Damages. Two credit hours. First semester.
Beale's Cases.

Equity I-II. Two credit hours. The year.
Ames's Cases in Equity Jurisdiction, Vol. I.

Evidence. Two credit hours. The year.
Thayer's Cases on Evidence.

Federal Jurisdiction and Procedure. Two credit hours. Second semester.

Rightmire's Cases and Readings in the Jurisdiction and Procedure of the Federal Courts.

Insurance. Two credit hours. Second semester.
Vance's Cases on Insurance and selected cases.

Judgments. Two credit hours. First semester.
Judgments, executions, attachments, and garnishments.
Rood's Cases, illustrative statutes and selected cases.

Mortgages. Two credit hours. Second semester.

Case-book to be announced. Form and nature of a mortgage; incidents of the mortgage relation.

Partnership. Two credit hours. Second semester.
Mechem's cases.

Property III A. Two credit hours. First semester.
Gray's Cases on Property, Vol. III.

Title to real property by original acquisition, lapse of time, conveyance inter vivos and dedication.

Property IV B. Two credit hours. Second semester.
Gray's Cases, Vol. IV.

Descent, wills, legacies, and devices, and administration and distribution.

Quasi Contracts. Two credit hours. First semester.
Scott's Cases on Quasi Contracts, selected cases and collateral readings.

Sales. Two credit hours. Second semester.
Cases and collateral readings. Woodward's Cases.

Trusts. Two credit hours. Second semester.
Ames's Cases on Trusts and selected cases.

THIRD YEAR

The Work of the Third Year is all Elective

Bankruptcy. One credit hour. First semester.
Holbrook and Aigler's Cases.

Conflict of Laws. Two credit hours. Second semester.
Beale's Cases on Conflict of Laws (Shorter edition).

Constitutional Law I A. Three credit hours. First semester.
Hall's Cases on Constitutional Law.

Constitutional Law II B. Two credit hours. Second semester.
Hall's Cases on Constitutional Law.

Criminal Procedure. One credit hour. First semester.

Equity III. Two credit hours. First semester.
Ames's Cases in Equity Jurisdiction, Vol. II.

Legal Ethics. Five lectures. Second semester.

Negotiable Instruments. Three credit hours. First semester.
Cases and collateral readings. Smith and Moore's Cases.

Ohio Appellate Practice. One credit hour. Second semester.

Practice A. Two credit hours. First semester.
All features of trial work and the general work in the courts are treated in this course.

Practice B. Two credit hours. Second semester.
All features of trial work and the general work in the courts are treated in this course.

Private Corporations. Two credit hours. The year.
Warren's Cases on Corporations; selected cases and collateral readings.

Property V A. Two credit hours. First semester.
Gray's Cases on Property, Vol. V.
Conditions and future interests in property.

Property VI B. Two credit hours. Second semester.
Gray's Cases on Property, Vol. VI.
Restraints on alienation; fraudulent conveyances; recording; concurrent ownership; curtesy and dower.

Public Corporations. Two credit hours. Second semester.
Macy's Cases.

Suretyship. Two credit hours. Second semester.
Hening's Cases on Suretyship and selected cases.

MEDICAL LAW

101. Medical Law. One credit hour. Second semester. Sixteen didactic hours. Medicine, fourth year.

COLLEGE OF VETERINARY MEDICINE

Law: Jurisprudence.

MANUAL TRAINING

(See Industrial Education)

MATERIA MEDICA

COLLEGE OF HOMOEOPATHIC MEDICINE

Office, 210 Horticulture Building

PROFESSOR HINSDALE AND DEPARTMENT ASSISTANTS

101. Principles of Homoeopathic Medicine. One credit hour. First semester. One lecture each week. Homoeopathic Medicine, first year.

102. Principles of Homoeopathic Medicine. Two credit hours. Second semester. Two lectures each week. Homoeopathic Medicine, first year.

103-104. Elective Affinities. One credit hour. The year. Homoeopathic Medicine, second year.

105-106. Homoeopathic Therapeutics. Three credit hours. The year. Two lectures and one quiz hour each week. Homoeopathic Medicine, third and fourth years.

107-108. Homoeopathic Therapeutics. Three credit hours. The year. Three lectures and one quiz hour each week. Homoeopathic Medicine, third and fourth years.

110. Materia Medica Laboratory. Three credit hours. First semester. Nine laboratory hours each week. Homoeopathic Medicine, second year.

111-112. Therapeutic Clinic. Two credit hours. The year. Three two-hour periods. Homoeopathic Medicine, fourth year.

113-114. Clinical Medicine. One credit hour. The year. Homoeopathic Medicine, third and fourth years.

COLLEGE OF MEDICINE

PROFESSOR DYE

131. Materia Medica. Two credit hours. First semester. Two lectures each week. Thirty-two didactic hours; total 32 hours. Medicine, first year.

132. Materia Medica. Three credit hours. Second semester. One lecture and four laboratory hours each week. Thirty-two didactic hours, 48 laboratory hours; total 80 hours. Medicine, first year.

MATHEMATICS

Office, 314 University Hall

PROFESSORS BOHANNAN, McCOARD, SWARTZEL, KUHN, RASOR, AND MORRIS, ASSOCIATE PROFESSOR ARNOLD, ASSISTANT PROFESSORS PRESTON, BAREIS, RIETZ, WEAVER, AND BEATTY, MISS RICKARD, MR. CARIS, MR. LE VEQUE

100. Algebra. Five credit hours. First semester. To be taken by students entering with one-half unit entrance condition in Algebra.

107. Mathematics for Students in Agriculture. Three credit hours. Either semester.

121. College Algebra and Trigonometry. Three credit hours. First semester.

122. Plane Trigonometry and Analytical Geometry. Three credit hours. Second semester.

125-126. History of Elementary Mathematics. Two credit hours. The year. Prerequisite, Mathematics 128 or an equivalent.

127-128. Analytical Geometry and Calculus. Three credit hours. The year. Architecture, second year. Prerequisite, Mathematics 122 or 132.

129-130. Mathematics of Finance and Insurance. Three credit hours. The year. Prerequisite, Mathematics 121 or its equivalent.

131. College Algebra and Trigonometry. Five credit hours. Either semester. All four-year courses in Engineering, first year. Prerequisites, entrance algebra and geometry.

132. Plane Trigonometry and Analytical Geometry. Five credit hours. Either semester. All four-year courses in Engineering, first year. Prerequisite, Mathematics 131.

This course is given also in the Summer Session.

135. Graphical and Statistical Methods. Three credit hours. First semester. Not open to Freshmen.

141. Calculus. Five credit hours. Either semester. All four-year courses in Engineering except Architecture, second year. Prerequisite, Mathematics 122 or 132.

142. Calculus. Five credit hours. Either semester. All four-year courses in Engineering except Architecture, second year. Prerequisite, Mathematics 141.

This course is given also in the Summer Session.

149-150. Modern Elementary Geometry. Three credit hours. The year. Elective. Specially suited to teachers of geometry in the public schools. Prerequisites, high school, plane and solid geometry.

163-164. Plane and Solid Analytical Geometry. Three credit hours. The year. Prerequisite, Mathematics 141-142.

165-166. Advanced Calculus. Three credit hours. The year. Prerequisite, Mathematics 141-142.

167-168. Differential Equations. Three credit hours. The year. Prerequisite, Mathematics 141-142.

***171-172. Projective Geometry.** Three credit hours. The year. Prerequisite, Mathematics 141-142.

173-174. Modern Higher Algebra. Three credit hours. The year. Prerequisite, Mathematics 141-142.

181. Probability. Three credit hours. Second semester. Prerequisite, Mathematics 141-142.

183-184. Actuarial Theory. Two credit hours. The year. Prerequisite, Mathematics 129-130. Must be preceded or accompanied by Mathematics 135.

185. Fundamental Ideas of Algebra and Geometry. Two credit hours. First semester. Prerequisite, Mathematics 141-142.

186. The Teaching of Mathematics. Two credit hours. Second semester. Prerequisite, Mathematics 141-142.

187. Advanced Actuarial Theory. Three credit hours. First semester. Prerequisite, Mathematics 183-184.

An extension of Mathematics 183-184.

---

*Not given in 1921-1922.

190. Insurance Statistics. Two credit hours. Second semester. Prerequisites, Mathematics 129-130 and Mathematics 135.

GRADUATE WORK

Prerequisite for Graduate Work: As a qualification for the study of Mathematics as a graduate "major" the student must have completed previously the equivalent of at least two years of college mathematics, including calculus.

It is recommended that students intending to specialize in Mathematics, acquire, as soon as possible, a reading knowledge of French, German, and Italian.

The following courses are open only to advanced undergraduates and graduates: 163, 164, 165, 166, 167, 168, 171, 172, 173, 174, 181, 183, 184, 185, 186, 187, 201-207, 209-222.

Prerequisite, the permission of the instructor in charge.

201-202. Theory of Functions of a Complex Variable. Three credit hours. The year.

203. Fourier's Series and Spherical Harmonics. Three credit hours. First semester.

204. Vector Analysis and its Applications. Three credit hours. Second semester.

205-206. Calculus of Variations. Three credit hours. The year.

207. History of Mathematics. Three credit hours. First semester.

209-210. Theory of Statistics.

211-212. Groups.

213-214. Differential Geometry.

215-216. Functions of a Real Variable.

217-218. Infinite Series and Products.

219-220. Theory of Numbers.

221-222. Theory of Invariants.

SUMMER SESSION—1921

132. Plane Trigonometry, Analytical Geometry. Five credit hours. Plane Trigonometry, Mr. Morris; Analytical Geometry, Miss Rickard.

142. Integral Calculus. Five credit hours. Mr. Morris, Miss Rickard.

167. Differential Equations. Three credit hours. Mr. Arnold.

173. Modern Higher Algebra. Three credit hours. Mr. Morris.

185. Fundamental Concepts of Algebra and Geometry. Two credit hours. Mr. Arnold.

186. The Teaching of Mathematics. Two credit hours. Mr. Arnold.

MECHANICAL ENGINEERING

Office, 244 Robinson Laboratory

PROFESSORS MAGRUDER, MARQUIS, NORMAN, AND JUDD,
ASSISTANT PROFESSOR BROWN, MR. BUCHER,
MR. STINSON, AND DEPARTMENT ASSISTANTS

101. Mechanism and Machine Design. Three credit hours. First semester. Three recitations each week. Electrical Engineering, third year. Prerequisites, Engineering Drawing 103, Physics 114.

103. Steam Power Plants. Three credit hours. First semester. Three recitations each week. Mechanical Engineering, third year. Prerequisites, Engineering Drawing 104 and Physics 119; concurrent, Mechanics 101 and Metallurgy 117 and 119.

104. Steam Power Plants. Four credit hours. Second semester. Four recitations each week. Mechanical Engineering, third year. Prerequisites, Mechanical Engineering 103 and Metallurgy 117 and 119; concurrent, Mechanics 102.

105-106. Heat Power Engineering. Three credit hours. The year. Three recitations each week. Electrical Engineering, third year. Prerequisites, Engineering Drawing 110 and Physics 114; concurrent, Mechanics 101 and 102.

107. Steam Engineering. Three credit hours. First semester. Three recitations each week. Chemical Engineering, third year. Prerequisites, Engineering Drawing 104 and Physics 112.

110. Mechanism and Machine Design. Three credit hours. Second semester. Three recitations each week. Ceramic Engineering, third year. Prerequisites, Engineering Drawing 104, Mechanics 101.

112. Machine Design. Two credit hours. Second semester. Two recitations each week. Electrical Engineering, fourth year. Prerequisites, Mechanics 102 and Engineering Drawing 111.

114. Mechanism. Three credit hours. Second semester. Three recitations each week. Mechanical Engineering, third year. Prerequisites, Engineering Drawing 104, Physics 119.

116. Mechanism Drawing. One credit hour. Second semester. One three-hour drawing period each week. Mechanical Engineering, third year. Prerequisite or concurrent, Mechanical Engineering 114.

121. Heating and Ventilating. Three credit hours. First semester. Three recitations each week. Architecture and Architectural Engineering, fourth year. Prerequisites, Mechanics 103, Physics 112 or 118.

123. Materials of Construction. Two credit hours. First semester. One recitation and three laboratory hours each week. Architectural Engineering, third year. Concurrent, Mechanics 103.

125. Gas Engines and Producers. Two credit hours. First semester. Two recitations each week. Mechanical Engineering, fourth year. Prerequisite, Mechanical Engineering 104, or 106, or 107.

127. Machine Design. Five credit hours. First semester. Five recitations each week. Chemical and Mechanical Engineering, fourth year. Prerequisites, Engineering Drawing 104 and 111, Mechanics 101, Metallurgy 117 and 119, Mechanical Engineering 103 or 107.

129. Thermodynamics. Two credit hours. First semester. Two recitations each week. Mechanical Engineering, fourth year. Prerequisite, Mechanical Engineering 104.

130. Inspection Trip to the East. May 1st to 6th, 1922. Required in Mechanical Engineering, third and fourth years. Given only in even-numbered years. Prerequisite or concurrent, Mechanical Engineering 104.

132. Inspection Trip to the West. April 30th to May 5th, 1923. Required in Mechanical Engineering, third and fourth years. Given only in odd-numbered years. Prerequisite or concurrent, Mechanical Engineering 104.

134. Reading Course. Mechanical Engineering, third and fourth years. May 1st to 6th, 1922. A written report on assigned readings upon processes of manufacture and power plants. This may be taken as a substitute for Mechanical Engineering 130 on presentation of reasons satisfactory to the head of the department.

136. Reading Course. Mechanical Engineering, third and fourth years. April 30th to May 5th, 1923. A written report on assigned reading upon the processes of manufacture and power plants. This may be taken as a substitute for Mechanical Engineering 132 on presentation of reasons satisfactory to the head of the department.

139. Practical Experience in a Mechanical Engineering Industry. Eight weeks during the second or third summer vacation and before beginning the work of the fourth year. Mechanical Engineering. The student shall present a satisfactory report upon the work done.

If a student has had twelve months, or more, of satisfactory practical experience, he may be permitted to substitute a satisfactory report upon the work so done for the above requirement. In case a student is unable to obtain an opportunity to get such practical experience as will fulfill the above requirements, he may be permitted by the department to substitute eight credit hours of approved courses for the same. This requirement shall first go into effect with the class graduating in 1923.

142. Hydraulic Machinery. Two credit hours. Second semester. Two recitations each week. Elective in Civil Engineering (Civil Engineering group), fourth year; Mechanical Engineering, fourth year. Prerequisites, Mechanics 102, Mechanical Engineering 104 or 107, or 127, or 173.

144. Machine Design. Five credit hours. Second semester. Three recitations and two three-hour drawing periods each week. Chemical and Mechanical Engineering, fourth year. Prerequisite, Mechanical Engineering 127.

146. Steam Turbines. Two credit hours. Second semester. Two recitations each week. Optional in Mechanical Engineering with Mechanical Engineering 150, fourth year. Prerequisite, Mechanical Engineering 129.

148. Thesis Work. Three credit hours. Second semester. Mechanical Engineering, fourth year. Prerequisites, Mechanical Engineering 125, 127, 129, and 179.

150. Hydraulic Power. Three credit hours. Second semester Two recitations and three laboratory hours each week. Elective in Civil Engineering (Civil Engineering group), and optional in Mechanical Engineering, fourth year. Prerequisites, Mechanical Engineering 173, 175, or 179.

160. Experimental Engineering Laboratory. Two credit hours. Second semester. Four laboratory hours each week. Electrical Engineering, third year. Concurrent, Mechanics 102 and Mechanical Engineering 106.

164. Experimental Engineering Laboratory. Two credit hours. Second semester. Four laboratory hours each week. Mechanical

Engineering, third year. Concurrent, Mechanics 102 and Mechanical Engineering 104.

169. Experimental Engineering Laboratory. Two credit hours. First semester. Four laboratory hours each week. Architectural Engineering, fourth year. Concurrent, Mechanical Engineering 121.

171. Experimental Engineering Laboratory. Three credit hours. First semester. One recitation and four laboratory hours each week. Elective. Prerequisites, Mechanics 101 and 102 or 104.

173. Experimental Engineering Laboratory. Five credit hours. First semester. Two recitations and six laboratory hours each week. Civil Engineering, fourth year. Prerequisite, Mechanics 102.

175. Experimental Engineering Laboratory. Three credit hours. First semester. Six laboratory hours each week. Electrical Engineering, fourth year. Prerequisites, Mechanical Engineering 106 and 160.

179. Experimental Engineering Laboratory. Two credit hours. First semester. Four laboratory hours each week. Mechanical Engineering, fourth year. Prerequisite, Mechanical Engineering 164; concurrent, Mechanical Engineering 125 and 129.

190. Experimental Engineering Laboratory. Six credit hours. Second semester. Twelve laboratory hours each week. Mechanical Engineering, fourth year. Prerequisites, Mechanical Engineering 125, 129, and 179.

191. Experimental Engineering Laboratory. Four credit hours. First semester. Two recitations and four laboratory hours each week. Metallurgical and Mine Engineering, fourth year. Prerequisites, Mechanics 102 and Metallurgy 112.

GRADUATE WORK

Prerequisite for Graduate Work: Graduate work in this department requires as general prerequisites, collegiate courses in mechanics, strength of materials, steam engines, and a knowledge of the fundamentals of hydraulics.

For major work a candidate must hold a baccalaureate degree in Mechanical Engineering.

The following courses are open only to advanced undergraduates and graduates: 125, 127, 129, 142, 144, 146, 150, 171, 179, 190, 201-209.

201-202. Research Work. Five to ten credit hours. The year. Library, conference, and laboratory work. Prerequisite, permission of the instructor in charge.

203-204. Gas Power and Design. Two to five credit hours. The year. Prerequisite, courses in gas engines, thermodynamics, and machine design.

205-206. Gas Power Laboratory Work. Two to six credit hours. The year. Prerequisite, courses in gas engines, thermodynamics, and machine design. Concurrent, Mechanical Engineering 203 and 204.

207-208. Steam Power Plant Economics and Design. Three to five credit hours. The year. Prerequisite, courses in power plants, steam engines, turbines and boilers, and power plant design.

209. The Steam Locomotive. Two to five credit hours. First semester. Prerequisite, courses in steam engines, boilers, and thermodynamics.

MECHANICS

Office, 219 Lord Hall

PROFESSORS BOYD AND CODDINGTON, MR. OTT

101. Statics and Strength of Materials. Five credit hours. First semester. Architectural, Ceramic, Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mine Engineering, third year. Prerequisite, Mathematics 142.

102. Strength of Materials: Kinetics and Hydraulics. Five credit hours. Second semester. Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mine Engineering, third year. Prerequisite, Mechanics 101.

103. Statics and Strength of Materials. Five credit hours. First semester. Architecture, third year. Prerequisite, Mathematics 128 or 142.

104. Strength of Materials. Two credit hours. Second semester. Architecture and Ceramic Engineering, third year. Prerequisite, Mechanics 101.

GRADUATE WORK

Prerequisite for Graduate Work: Graduate work in this department requires as general prerequisites, collegiate courses in differential and integral calculus, differential equations, and a year of general physics.

The following courses are open only to advanced undergraduates and graduates: 101, 102, 104, 201, 202.

201-202. Advanced Theoretical Mechanics. Three credit hours. The year. Prerequisites, Mechanics 101-102, Mathematics 167-168 or equivalent.

Recitations and lectures based on Prescott's Mechanics of Particles and Rigid Bodies.

MEDICINE AND CLINICAL MEDICINE

Office, 710 North Park Street

PROFESSORS———, UPHAM, AND McCAMPBELL, ASSISTANT PROFESSORS BLAKEY, COONS, HORTON, SHEPARD, GORDON, AND HATFIELD, DR. RAMSEY, DR. LEIST, DR. BRATTON, DR. HINDMAN, DR. SHEETZ, DR. WAGENHALS, DR. EDELMAN

101-102. Medicine, General and Clinical. Five credit hours. The year. Four lectures and recitations, and two conference clinics each week throughout the year. Total 224 hours. Medicine, third year.

104. Physical Diagnosis. Two credit hours. Second semester. Total 48 hours. Medicine, second year.

106. Nervous Diseases. Two credit hours. First semester. Two recitations each week. Total 32 hours. Medicine, third year.

108. Dermatology. Two credit hours. Second semester. Total 32 hours. Medicine, third year.

113-114. Medicine, General and Clinical. Two credit hours. The year. One hour lecture or quiz on special subjects in Medicine, and two conference clinics each week. Total 128 hours. Medicine, fourth year.

118. Psychiatry. One credit hour. Second semester. Three hours each week. Total 16 hours. Medicine, fourth year.

121. Pediatrics, Didactic and Clinical. Two credit hours. First semester. Total 64 hours. Medicine, fourth year.

122. Pediatrics, Clinical Conference. One credit hour. Second semester. Total 48 hours. Medicine, fourth year.

126. Genito-Urinary Diseases. Two credit hours. Second semester. Total 32 hours. Medicine, third year.

HOSPITAL

PROFESSOR UPHAM, ASSISTANT PROFESSORS HORTON, HAYHURST, SHEPARD, COONS, BLAKEY, GORDON, AND HATFIELD, DR. RAMSEY, DR. LEIST, DR. HINDMAN, DR. SHEETZ, DR. SHAWAKER

101-102. Hospital Ward Clinics in Medicine. Two credit hours. The year. Total 192 hours. Medicine, fourth year.

METALLURGY

Office, 100 Lord Hall

PROFESSOR DEMOREST, ASSISTANT PROFESSOR MUELLER

105. Fire Assaying. Two credit hours. First semester. Metallurgical Engineering, third year; Mine Engineering, fourth year. One lecture and laboratory each week throughout the semester. Prerequisite, Metallurgy 106 or equivalent.

106. Metallurgical Analysis. Three or four credit hours. First semester. Metallurgical and Mine Engineering, second year. One lecture and six or nine laboratory hours each week. Prerequisite, Chemistry 106 or 110.

107. Alloy Analysis. Three credit hours. Either semester. One lecture, laboratory two afternoons each week during the semester. Metallurgical Engineering, second year; Mine Engineering, third year. Prerequisite, Metallurgy 106.

110. General Metallurgy of Non-Ferrous Metals. Four or six credit hours. Second semester. Four recitations each week throughout the semester. Metallurgical and Mine Engineering, third year. Prerequisites, Metallurgy 117, Mineralogy 102.

112. Technical Gas and Fuel Analysis. Two or three credit hours. Second semester. Metallurgical Engineering, third year. Mine Engineering, fourth year. Two afternoons each week. Prerequisites, Metallurgy 106 and 117 or equivalent.

113. Ore Dressing and Coal Washing. Four credit hours. Second semester. Two lectures and one laboratory period each week. Metallurgical Engineering, fourth year; Mine Engineering, third year. Prerequisites, Metallurgy 117 and 119.

116. Thesis. Three credit hours. Second semester. Metallurgical Engineering, fourth year.

117. Fuel. Two credit hours. First semester. Two recitations each week during the semester. Chemical, Mechanical, Metallurgical, and Mine Engineering, third year; Ceramic Engineering, fourth year. Prerequisites, Chemistry 106 or 110, Physics 112 or 114.

119. Iron and Steel. Two credit hours. First semester. Two recitations each week during the semester. Chemical, Mechanical, Metallurgical, and Mine Engineering, third year. Prerequisites, Chemistry 106 or 110, Physics 112 or equivalent.

120. Metallography. Two credit hours. Second semester.

One lecture and three laboratory hours each week throughout the semester. Metallurgical Engineering, third year. Prerequisites, Metallurgy 107,106, 119 or equivalent.

123. Metallography. Three credit hours. First semester. Elective. One lecture and four laboratory hours each week. Prerequisites, Metallurgy 106, 107, 119 or equivalent.

125. Pyrometry. One credit hour. First semester. Three laboratory hours each week. Ceramic Engineering, third year.

127. Metallurgical Construction. Four credit hours. First semester. Metallurgical Engineering, fourth year. Recitations, lectures, and drawing-room practice. Prerequisites, Metallurgy 117, 119, 110, and 112.

128. Metallurgical Construction. Four credit hours. Second semester. Metallurgical Engineering, fourth year. Continuation of Metallurgy 127.

130. Inspection Trip. Second semester. Metallurgical Engineering, third year.

131. Fuel Analysis and Calorimetry. One credit hour. First semester. Mechanical Engineering, third year. Prerequisites, Chemistry 106 or 110, and Physics 113 and 119.

133. Advanced Metallography. Three or five credit hours. First semester. Metallurgical Engineering, fourth year. Prerequisite, Metallurgy 120 or 123.

134. Advanced Metallography. Three to five credit hours, Second semester. Metallurgical Engineering, fourth year. Prerequisite, Metallurgy 133.

136. Industrial Work. Four credit hours. Metallurgical Engineering, at the close of the second year. Eight weeks of approved work in a metallurgical plant. A report to be made in writing and before students.

141. Metallurgical Investigations. Three to five credit hours. First semester. Prerequisite, one year of quantitative analysis, college physics, and not less than one semester of general metallurgy.

(a) **Iron, Steel, and Other Alloys.** Investigation on composition, properties, structure, and heat treatment. Prerequisites, Metallurgy 119, 133.

(b) **Fuels.** Investigations on composition, conservation, and utilization. Prerequisite, Metallurgy 117.

(c) **Investigations on the Metallurgy and Analysis of the Less Common Metals,** as tin, antimony, bismuth, tungsten, etc. Prerequisite, Metallurgy 107.

(d) **Investigation of Special Metallurgy Processes,** as the electrolytic refining of lead, etc. Prerequisite, Metallurgy 110.

145. Ceramic Chemistry. Four credit hours. First semester. Ceramic Engineering, second year. Prerequisite, Chemistry 106 or 110.

146. Ceramic Chemistry. Four credit hours. Second semester. Ceramic Engineering, second year. Prerequisite, Metallurgy 145.

GRADUATE WORK

Prerequisite for Graduate Work: Students desiring to take graduate work in this department should have a thorough training in chemistry, physics, and mechanics, and in metallurgical analysis.

For major work the student must have a baccalaureate degree in Mine Engineering, Metallurgical Engineering, or Chemical Engineering.

The following courses are open only to advanced undergraduates and graduates: 107, 110, 117, 119, 141.

METEOROLOGY

Office, 201 Orton Hall

PROFESSOR BOWNOCKER

101. Elementary Meteorology. Two credit hours. Second semester. Textbook, Milham's Meteorology.

***102. Agricultural Meteorology.** Two credit hours. Second semester. Prerequisite, Meteorology 101 or Geology 162.

MILITARY SCIENCE AND TACTICS

Office, The Barracks

LIEUT. COLONEL LEONARD, LIEUT. COLONEL CONWAY (RETIRED), MAJORS McCLEAN, HANFORD, AND MURRAY, CAPTAINS BARRY, PERKINS, AND COX, FIRST LIEUTENANTS BENNER AND KAUFFMAN, ALL U. S. A., AND DEPARTMENT ASSISTANTS

In accordance with the Morrill act, passed in 1862, under which the University was established, military instruction must be included in the curriculum. The Board of Trustees therefore requires all male students, both special and regular, unless excused by the Military and Gymnasium Board, to receive military instruction during two years.

*Not given in 1921-1922.

The Reserve Officers' Training Corps was established under the Defense Act of June 3rd, 1916, the required two years' work being included in its four-year course. Instruction is given in Infantry, Field Artillery, and Veterinary. Under ordinary circumstances this work is under ten commissioned officers, two warrant officers, and fifteen non-commissioned officers of the Regular Army, detailed for the purpose.

EITHER 101-102 OR 105-106 ARE REQUIRED OF ALL FRESHMEN

101-102. Infantry. One credit hour. The year. Three hours each week. One-half theoretical and one-half practical work.

105-106. Field Artillery. One credit hour. The year. Three hours each week. One-half theoretical and one-half practical work.

EITHER 103-104 OR 107-108 ARE REQUIRED OF ALL SOPHOMORES

103-104. Infantry. One credit hour. The year. Three hours each week. One-half theoretical and one-half practical work.

107-108. Field Artillery. One credit hour. The year. Three hours each week. One-half theoretical and one-half practical work.

125-126. Advanced Military Science for Infantry. Two credit hours. The year. Prerequisites, 101-102 and 103-104, or equivalent. Five hours each week.

127-128. Advanced Military Science for Infantry. Two credit hours. The year. Prerequisite, 125-126 or equivalent. Five hours each week.

135-136. Advanced Military Science for Field Artillery. Two credit hours. The year. Prerequisites, 105-106 and 107-108, or equivalent. Five hours each week.

137-138. Advanced Military Science for Field Artillery. Two credit hours. The year. Prerequisite, 135-136 or equivalent. Five hours each week.

SUMMER CAMPS

As a part of the instruction of the Reserve Officers' Training Corps at the University, summer camps are conducted for this district: Infantry and Field Artillery, at Camp Knox, Kentucky, thirty-one miles from Louisville. One summer camp for the students of the first two years is held between the first and second school years. This camp is voluntary. The camp for the advanced course is held between the third and fourth years and is required. For special reasons the advanced course camp may be postponed until after the fourth year is completed or taken between the second and third years.

These camps are of six weeks duration and the work is mostly practical. In addition to military work, field sports and competitions are conducted. The training for Infantry includes firing on the target range with service rifles and using ball ammunition in combat. The training for Field Artillery includes firing field guns with service ammunition. The development of leadership and discipline are primary subjects at these camps.

The Government furnishes transportation to and from the camps. While in camp, clothing, subsistence, medical attention, and entertainment are provided. Advanced course students are paid one dollar per day while at summer camp, in addition to clothing, subsistence, etc.

MINE ENGINEERING

Office, 200 Lord Hall

PROFESSORS RAY AND NOLD

103. Mine Surveying. Four credit hours. First semester. Two recitations and two periods of field work each week. Mine Engineering, second year. Prerequisites, Engineering Drawing 102, Mathematics 132.

108. Industrial Work. Four credit hours. Mine Engineering, at the close of the second year. Prerequisites, Mine Engineering 103 and 110. Eight weeks of approved work in a mine or mining plant. A report of the summer's work to be made in writing and if possible before students.

110. Mine Trip. Second semester. Prerequisite or concurrent, Mine Engineering 103 or equivalent.

113. Mine Surveying. Three credit hours. First semester. Two recitations and three hours field work each week. Ceramic Engineering, third year; Metallurgical Engineering, second year. Prerequisites, Engineering Drawing 102 and Mathematics 132.

115. Principles of Mining. Two credit hours. First semester. Two recitations each week. Ceramic Engineering, fourth year; Metallurgical Engineering, third year. Prerequisites, Mine Engineering 113 and Geology 168.

116. Thesis. Three credit hours. Second semester. Mine Engineering, fourth year.

117. Mining Problems. Three credit hours. First semester. Three recitations each week. Mine Engineering, third year. Prerequisites, Mine Engineering 103 and 110.

122. Prospecting and Preliminary Operations. Three credit hours. Second semester. Three recitations each week. Mine Engineering, third year. Prerequisites, Mechanics 101, Mine Engineering 103, Geology 160, and Mine Engineering 108.

123. Development and Methods of Mining. Three credit hours. First semester. Three lectures each week. Mine Engineering, fourth year. Prerequisites, Mechanics 102, Mine Engineering 122.

124. Mine Operations. Three credit hours. Second semester. Three recitations each week. Mine Engineering, fourth year. Prerequisites, Mine Engineering 122 and 123, Electrical Engineering 103; concurrent, Mechanical Engineering 192.

126. Mine Examinations and Reports. Three credit hours. Second semester. Three lectures each week. Mine Engineering, fourth year. Concurrent, Mine Engineering 124.

127. Mine Design. Three credit hours. First semester. One lecture and four laboratory hours each week. Mine Engineering, fourth year. Prerequisites, Mechanics 102 and Mine Engineering 122.

128. Mine Design. Three credit hours. Second semester. Eight laboratory hours each week. Mine Engineering, fourth year. Prerequisite, Mine Engineering 127; concurrent, Mine Engineering 124.

130. Mine Reports. Three credit hours. Second semester. Mine Engineering, fourth year. Prerequisite, Mine Engineering 123; concurrent, Mine Engineering 124 and 126.

132. Inspection Trip. Second semester. Mine Engineering, third year.

GRADUATE WORK

Prerequisite for Graduate Work: Students desiring to undertake advanced work in this department should have a thorough working knowledge of chemistry, physics, and mechanics.

For major work a candidate must hold a baccalaureate degree in Mine Engineering.

201-202. Research Work. Three to five credit hours. The year. Prerequisite, the permission of the instructor in charge.

MINERALOGY

Office, 104 Lord Hall

PROFESSOR McCAUGHEY

102. Crystallography and Mineralogy. Three or four credit hours. Second semester. Three lectures or three lectures and one

laboratory period each week. Metallurgical and Mine Engineering, second year; Chemical Engineering, third year; Pharmacy, fourth year. Prerequisite, Chemistry 106 or 110.

104. Determinative Mineralogy. Three credit hours. First semester. One lecture, six laboratory hours each week. Metallurgical and Mine Engineering, third year. Prerequisite, Mineralogy 102.

105. Thermo-Chemical Mineralogy. Two credit hours. First semester. Ceramic and Metallurgical Engineering, fourth year. Prerequisites, Chemistry 159, Ceramic Engineering 108 or Metallurgy 117 and 119.

111. Elementary Microscopic Petrography. Two credit hours. Second semester. Two three-hour laboratory periods each week. Mine Engineering, fourth year. Prerequisites, Geology 165, 166, Mineralogy 102.

121. Microscopic Mineralogy. Three to five credit hours. First semester. One lecture and four to eight laboratory hours each week. Prerequisites, Mineralogy 102 and Physics 114.

131. Mineralogical Investigations. Three to five hours. Either semester. Library, conference, and advanced laboratory work. Prerequisites, Mineralogy 102, 104, and 121 or 111.

(a) **Advanced Crystallography.** Study of the thirty-two crystal groups and their representative minerals. Laboratory practice with the two-circle goniometer in the measurement of crystals and the drawing and projection of these crystals.

(b) **Microscopic Petrography.** Study and investigation of igneous, metamorphic, and sedimentary rocks in thin section.

(c) **Soil Mineralogy.** Mineralogical investigation of loose rock, such as soils, sands, and clays.

(d) **Applied Microscopic Mineralogy.** Application of the principles of microscopic mineralogy to the determination of melting and transformation temperatures of minerals; the microscopic study of refractories, ceramic products, and glasses.

Prerequisite for Graduate Work: Students desiring to undertake advanced work in this department should have a thorough working knowledge of chemistry, trigonometry, geology, and mineralogy.

The following courses are open only to advanced undergraduates and graduates: 121, 131.

MUSIC

SUMMER SESSION—1921

101. Public School Music. Two credit hours. Four hours a week. Miss Owen.

104. Elementary Harmony. Two credit hours. Four recitations a week. Miss Lillethun.

105. Advanced Harmony. Two credit hours. Three hours a week. Prerequisite, Elementary Harmony 104 or equivalent. Miss Lillethun.

107. Public School Music. Two credit hours. Four hours a week. Miss Owen.

Courses 101 and 107 may be taken concurrently.

113. History and Appreciation of Music: Primitive Times to the Close of the Classical Period. Two credit hours. Four lectures a week. Mr. Hughes.

114. History and Appreciation of Music: Romantic Period to Present-Day Music. Two credit hours. Four lectures a week. Mr. Hughes.

Courses 113 and 114 may be taken concurrently.

119. Chorus Singing. One credit hour. Two periods each week. Mr. Hughes.

120. Musical Essentials. One credit hour. Two hours a week. Miss Lillethun.

121. Ear Training. One credit hour. Three hours a week. Prerequisite or concurrent, Harmony 104 or equivalent. Miss Lillethun.

122. Sight Singing. One credit hour. Three hours a week. Miss Owen.

OBSTETRICS

Office, 710 North Park Street

PROFESSOR ROGERS, DR. BREHM, DR. DUFFEE, DR. KRIGBAUM

102. Obstetrics. Two credit hours. Second semester. One lecture and two hours recitation and manikin exercise each week. Sixteen didactic hours, 32 laboratory hours; total 48 hours. Medicine, third year.

105. Obstetrics. Two credit hours. First semester. One lecture and two hours demonstration and manikin review each week.

Sixteen didactic hours, 32 laboratory hours; total 48 hours. Medicine, fourth year.

106. Obstetrics. Three credit hours. Second semester. One lecture and two hours demonstration and manikin review each week. Sixteen didactic hours, 32 laboratory hours; total 48 hours. Medicine, fourth year.

OPERATIVE DENTISTRY

Office, 710 North Park Street

PROFESSORS SEMANS AND COTTRELL, ASSISTANT PROFESSORS GRAHAM, HEBBLE, AND WILTBERGER, DR. J. W. MEANS, DR. MARTINDALE, DR. STROSNIDER, DR. BOTTENHORN, DR. MOBBERLY, DR. SNYDER, DR. STARR, DR. JONES, DR. REIF

109-110. Operative Technic. Three credit hours, first semester; two credit hours, second semester. One lecture and six laboratory hours each week, the first semester; six laboratory hours each week, the second semester. Dentistry, second year.

118. Orthodontia Principles and Technic. Two credit hours. Second semester. One recitation and three laboratory hours each week. Dentistry, third year.

121. Orthodontia Principles and Practice. Two credit hours. First semester. One recitation and three clinical hours each week. Dentistry, fourth year.

122. Orthodontia Practice. Two credit hours. Second semester. One recitation and three clinical hours each week. Dentistry, fourth year.

124. Porcelain Technic. One credit hour. Second semester. A total of eight lectures or recitations and forty laboratory hours. Dentistry, third year.

125. Operative Principles and Practice, and Exodontia. Five credit hours. First semester. Two recitations and nine laboratory and clinical hours each week. Dentistry, third year.

127. Operative Principles and Practice, and X-Ray. Five credit hours. Second semester. Two recitations and nine clinical hours each week. Dentistry, third year.

127. Operative Principles and Practice. Four credit hours. First semester. One recitation and nine clinical hours each week. Dentistry, fourth year.

128. Operative Dentistry Practice. Four credit hours. Second semester. One recitation and nine clinical hours each week. Dentistry, fourth year.

131. Dental Medicine. One credit hour. First semester. One recitation each week. Dentistry, third year.

132. Dental Medicine. Two credit hours. Second semester. One recitation and three clinical hours each week. Dentistry, third year.

133-134. Dental Medicine. Two credit hours. The year. One recitation and three clinical hours each week. Dentistry, fourth year.

135. Oral Hygiene. Three credit hours. First semester. One recitation and six clinical hours each week. Dentistry, third year.

137-138. Oral Surgery. Two credit hours. The year. One recitation and three clinical hours each week. Dentistry, fourth year.

139-140. Anesthetics. Two credit hours. The year. One recitation and three clinical hours each week. Dentistry, fourth year.

141-142. Ethics, Economics, History, and Jurisprudence. One credit hour. The year. One lecture or quiz each week. Dentistry, fourth year.

145. Dental Anatomy Technic. Three credit hours. Second semester. One recitation and six laboratory hours each week. Dentistry, first year.

OPHTHALMOLOGY AND OTO-LARYNGOLOGY

Office, 710 North Park Street

PROFESSORS BROWN AND TIMBERMAN, DR. SCHAEFFER, DR. BEATTY, DR. PROUT, DR. HAUER, DR. ALCORN, DR. HOFFHINE, DR. WILLIAMS, DR. HODGES

101. Ophthalmology. Two credit hours. First semester. Two lectures or demonstrations each week. Thirty-two didactic hours. Medicine, third year.

105. Oto-Laryngology. Two credit hours. First semester. Two lectures or quizzes each week. Thirty-two didactic hours. Medicine, third year.

PATHOLOGY

Office, 710 North Park Street

PROFESSORS SCOTT AND SPOHR, MR. VAN BUSKIRK, MISS CAMERON

COLLEGE OF DENTISTRY

135. General Pathology. Three credit hours. First semester. One lecture or recitation and six laboratory hours each week. Dentistry, third year.

144. Dental Pathology. Two credit hours. Second semester. One recitation and three clinical hours each week. Dentistry, third year.

COLLEGE OF HOMOEOPATHIC MEDICINE

107. Demonstrations of Necropsies. Homoeopathic Medicine, second, third, and fourth years.

109. Pathology. Seven credit hours. Second semester. Three lectures and thirteen laboratory hours each week. Total 256 hours. Homoeopathic Medicine, second year.

COLLEGE OF MEDICINE

103. Surgical Pathology. Two credit hours. Second semester. One lecture and two laboratory hours each week. Total 48 hours. Medicine, fourth year, optional with Pathology 104. Prerequisite for graduate work, Anatomy 133-134.

104. Medical Pathology. Two credit hours. Second semester. One lecture and two laboratory hours each week. Total 48 hours. Medicine, fourth year, optional with Pathology 103. Prerequisite, Pathology 119-120.

107. Demonstrations of Necropsies. Medicine, second, third, and fourth years.

109. Pathology. Seven credit hours. Second semester. Three lectures and thirteen laboratory hours each week. Total 256 hours. Medicine, second year. Prerequisite, Anatomy 133-134.

119. Clinical Pathology. Two credit hours. First semester. One lecture and three laboratory hours each week. Total 64 hours. Medicine, third year. Prerequisite for graduate work, Anatomy 133-134.

120. Clinical Pathology. One credit hour. Second semester. Three laboratory hours each week. Total 48 hours. Medicine, third year. Prerequisite for graduate work, Anatomy 133-134. A continuation of Pathology 119.

127-128. Advanced Pathology. Three to five credit hours. The year. Elective. Prerequisites, Pathology 109, Bacteriology 141; prerequisite for graduate work, Anatomy 133-134.

129-130. Neuropathology. One credit hour. The year. Elective. Prerequisite, Pathology 109; prerequisite for graduate work, Anatomy 136.

133-134. Advanced Special Pathology. Three to five credit hours. The year. Elective. Prerequisites, Pathology 109 and Bacteriology 141.

137-138. Proseminary. One credit hour. The year.

139-140. Experimental Pathology. Three to five credit hours. The year. Elective. Prerequisites, Pathology 109 and Bacteriology 141.

143. Advanced Clinical Pathology. Three credit hours. Elective. Prerequisite, Pathology 119-120.

The following courses are open only to advanced undergraduates and graduates: 103, 104, 109, 119, 120, 127, 128, 129, 130, 137, 138, 143.

APPLIED OPTICS

135. Pathology. Three credit hours. First semester.

141-142. Pathology of the Eye. Three credit hours. The year.

PHARMACY

Office, 109 Chemistry Building

PROFESSOR DYE, ASSISTANT PROFESSOR BROWN, MR. STEVENS

101. Theory and Practice of Pharmacy. Four credit hours. First semester. Lectures, recitations, and laboratory.

102. Operative Pharmacy. Five credit hours. Second semester. Lectures, recitations, and laboratory.

103. Pharmaceutical Chemistry. Five credit hours. First semester. Second year. Lectures, recitations, and laboratory.

104. Extemporaneous Pharmacy and Prescription Practice. Five credit hours. Second semester. Lectures, recitations, and laboratory.

105. Materia Medica. Three credit hours. First semester. Lectures and recitations.

106. Materia Medica. Three credit hours. Second semester. Lectures and recitations.

107. Pharmaceutical Assaying. Five credit hours. First semester. Lectures, recitations, and laboratory.

108. Pharmaceutical Analysis. Five credit hours. Second semester. Lectures, recitations, and laboratory.

109. Pharmacognosy. Three credit hours. First semester. Lectures, recitations, and laboratory.

110. Pharmacognosy. Three credit hours. Second semester. Lectures, recitations, and laboratory.

111. Pharmacognosy. Three credit hours. First semester. Lectures, recitations, and laboratory.

112. Pharmacognosy. Three credit hours. Second semester. Lectures, recitations, and laboratory.

A continuation of Pharmacy 111.

113. Pharmaceutical Problems. One credit hour. First semester. Lectures and practical exercises.

114. Toxicology. Three credit hours. Second semester. Lectures and recitations.

116. Preparation and Application of Physiological and Pathological Reagents. Two credit hours. Second semester. Lectures, recitations, and laboratory work.

119. Prescription Latin. Four credit hours. First semester. Lectures and recitations.

120. Pharmacognosy. Three credit hours. Second semester. Lectures and laboratory.

122. General Pharmacy. Two credit hours. Second semester. Lectures.

124. Current Literature. One credit hour. Second semester.

PHILOSOPHY

Office, 321 University Hall

PROFESSOR LEIGHTON, ASSISTANT PROFESSORS CHANDLER, AVEY, AND WILLIAMS

The courses in Philosophy are not open to Freshmen. They fall into two groups. The first, having no prerequisites, comprises 101-102, 101-104, 105-106, 107-108, 115-116, 138-139; the second comprises the remaining courses, which are of more advanced character and have special prerequisites. All students concentrating in Philosophy should take 121-122.

The following courses are of special interest to students in the fields indicated: 121-122 is included in all lists as being fundamental to all human interests; for students of literature and fine arts, 101-102, 104, 107-108, 115-116, 138-139, 145-146, 121-122; for students of mathematics and non-biological science, 101-102, 104, 107-108, 113-114, 117-118, 121-122; for students of psychology, biological and social science, 101-102, 104, 105-106, 111-112, 117-118, 150, 145-146, 121-122; for students of education and of commerce and journalism, 101-102, 104, 105-106, 107-108, 145-146.

Students looking forward to graduate work in Philosophy should lay fully as much stress upon securing a sound general scientific and cultural training as upon the special work of this department.

101. Introduction to Philosophy. Three credit hours. Either semester.

102. Introductory Logic. Three credit hours. Either semester.

104. Principles of Philosophy. Three credit hours. Second semester. Prerequisite, Philosophy 101, or 107, or 108, or 105.

A continuation of Philosophy 101.

105. Elementary Ethics. Three credit hours. First semester.

106. Elementary Ethics: Social Ethics. Three credit hours. Second semester.

107. History of Ancient Philosophy. Three credit hours. First semester. No prerequisite.

108. History of Medieval and Modern Philosophy. Three credit hours. Second semester. No prerequisite.

111-112. Advanced Ethics. Two credit hours. The year. Prerequisite, one year of ethics.

***113. Advanced Logic.** Two credit hours. First semester. Prerequisites, Philosophy 102 and 101 or 108.

***114. Epistemology.** Two credit hours. Second semester. Prerequisites, Philosophy 101-102, 101-104, or 107-108.

115-116. Esthetics. Two credit hours. The year.

***117-118. Philosophy of Science.** Two credit hours. The year. Prerequisite, one semester of philosophy and one year of science.

119. Philosophy of Religion. Two credit hours. First semester. Prerequisite, one year's work in philosophy, psychology, or history of religion.

120. Origins of Christian Thought. Two credit hours. Second semester. Prerequisite, Philosophy 101, 105, or 107.

121-122. Metaphysics. Three credit hours. The year. Prerequisites, Philosophy 101-104 or 107-108 and one year of psychology or a natural science.

123-124. Representative Ancient Philosophers. Three credit hours. The year. Prerequisite, one year's work in philosophy and one year in a related subject.

***125-126. Representative Modern Philosophers.** Three credit hours. The year. Prerequisite, Philosophy 101–102 or 107-108.

Philosophy 123-124 and 125-126 will be given in alternate years.

***128. Realism.** Three credit hours. Second semester. Prerequisites, Philosophy 101-102, 117, or 107-108. Philosophy 108 may be taken concurrently with 128.

138-139. The Development of Thought in the Eighteenth and Nineteenth Centuries. Three credit hours. The year.

***141-142. The Main Currents in Contemporary Philosophy.** Two credit hours. The year. Prerequisite, one year of philosophy.

*Not given in 1921-1922.

***145-146. Philosophy of History.** Two credit hours. The year. Prerequisites, any two of Philosophy 101, 105, 106, 111, 107, 108, and one year's work in European history.

***147-148. An Introduction to Oriental Philosophy.** Two credit hours. The year. Prerequisite, Philosophy 101, 102, 105, 107, or 108.

150. Pragmatism. Two credit hours. Second semester. Prerequisite, one year of philosophy or of biological science or of social science.

157. The Formation of the Old Testament. Two credit hours. First semester. No prerequisite.

158. The Development of Hebrew Ideas. Two credit hours. Second semester. No prerequisite.

GRADUATE WORK

Prerequisite for Graduate Work: The courses named below presuppose good foundation courses either in psychology, logic and ethics, or in the history of philosophy, and, in some cases, in all of these subjects. Prospective students are likewise strongly recommended to prepare for graduate work in this department by taking related courses in other departments. Psychology is regarded as related to all courses in philosophy. The following are suggested as related courses in other departments: for students of logic and metaphysics, mathematics and natural sciences, especially general and theoretical physics, general and historical chemistry, and evolution, (Zoology 131-132); for students of ethics and the philosophy of religion, sociology and history; for students of the history of philosophy, European history, and the history of Greek, German, English, and French literatures. As a qualification for the study of philosophy as a graduate "major" the student must previously have completed the equivalent of at least four semester courses of three hours each in philosophy and psychology. In the case of students who are taking a major in ethics, two semesters' work in the principles of sociology may be accepted in partial fulfilment of the above requirement. Within the general field of philosophy graduate "majors" and "minors" may be taken in the following special groups: logic and metaphysics, ethics, the philosophy of religion, and the history of philosophy (ancient, medieval, and modern).

The following courses are open only to advanced undergraduates and graduates: 111, 112, 113, 114, 117, 118, 119, 120, 121, 122, 123,

*Not given in 1921-1922.

124, 125, 126, 128, 138, 139, 141, 142, 145, 146, 147, 148, 150, 201, 202, 207, 208, 209, 210.

201-202. Seminary in Philosophy. Three to six credit hours. The year.

207-208. Contemporary Philosophical Issues. Three to six credit hours. The year. Prerequisite, at least two years of philosophy.

209-210. Discussion of Current Philosophical Literature. Two credit hours. The year. Required of all persons majoring in philosophy for the doctorate.

Philosophy 201-202, 207-208 are two-year courses.

SUMMER SESSION—1921

101. Introduction to Philosophy. Three credit hours. Mr. Leighton.

207. Contemporary Philosophical Issues. Two credit hours. Mr. Leighton.

PHYSICAL EDUCATION

MEN

Office, The Gymnasium

PROFESSORS ST. JOHN, WILCE, CASTLEMAN, AND NICHOLS, ASSISTANT PROFESSOR TRAUTMAN, MR. COBB, MR. HINDMAN

100-100. Hygiene. One credit hour. Either semester. Required of every Freshman during his first year of residence in the University.

101-102. Physical Education. One credit hour. The year. Two hours each week. Required of every Freshman during his first year of residence in the University.

107. Organization and Administration of Physical Education in Secondary Schools. Two credit hours. First semester. Elective.

110. Theory of Physical Education. Two credit hours. Second semester. Prerequisite, Physiology 101-102.

111. Principles of Coaching Track and Field Sports. One credit hour. First semester.

112. Principles of Coaching Football. One credit hour. Second semester.

113. Principles of Coaching Baseball and Basketball. One credit hour. First semester.

120. Anthropometry and Physical Diagnosis. Two credit hours. Second semester. Elective. Prerequisite, Physiology 101-102.

122. Teaching of Physical Education. Two credit hours. Second semester. Elective. Prerequisites, Physiology 101-102, Psychology 101-102, and previous satisfactory physical training.

125. Hygiene and First Aid. Two credit hours. First semester. Elective. Prerequisite, Physiology 101-102.

The above courses are open to third and fourth year students on the approval of the Head of the Department of Physical Education and the Dean of the College of Education.

WOMEN

Office, The Gymnasium

ASSISTANT PROFESSOR SCOFIELD, MISS RAYNOR-RANK, MISS GIBLING

100-100. Hygiene. One credit hour. Either semester. Required of all women students during the first year of attendance at the University.

131-132. Physical Education. One credit hour. The year. Two hours each week. Required of all women students during the first year of attendance at the University.

133-134. Physical Education. One credit hour. The year. Three hours each week. For second year students; required of all women students. Continuation of Physical Education 131-132.

135. Anthropometry and Physical Diagnosis. Three credit hours. First semester. Two lectures and three hours of practice each week. Prerequisite, Physiology 101-102.

136. Theory and Practice of Teaching Physical Education. Three credit hours. Second semester. Two lectures and three hours of practice each week. Prerequisite, Physiology 101-102.

Note: The above courses are open only to Juniors and Seniors on approval of the Department of Physical Education for Women and the Dean of the College of Education. While it is not at present demanded, it is desirable that those electing Courses 135 and 136 should have had courses in anatomy, physiology, psychology, and history of education.

Physical Education 125 for men is also open to women who desire to minor in Physical Education.

SUMMER SESSION—1921

107. Organization and Administration of Physical Education in Secondary Schools. (Men and women.) One credit hour. Mr. Trautman.

110. Theory of Physical Education. (Men and women.) Three credit hours. Miss McKee.

111. Principles of Coaching Track and Field Sports. (Men.) One credit hour. Mr. Trautman.

112. Principles of Coaching Football. (Men.) Two credit hours. Mr. St. John, Mr. Trautman.

113. Principles of Coaching Baseball. (Men.) One credit hour. Mr. St. John.

114. Play and Playground Work. (Men and women.) One credit hour. Miss McKee.

126. Athletic Training. (Men.) One credit hour. Mr. St. John.

127. Principles of Coaching Basketball. (Men.) One credit hour. Mr. Trautman.

136. Theory and Practice of Teaching Physical Education. (Men and women.) Three credit hours. Miss McKee, Miss Fisher.

138. Folk Dancing. (Women.) Two credit hours. Miss McKee, Miss Fisher.

139. Elementary Interpretative Dancing. (Women.) One-half credit hour. Miss Fisher.

140. Advanced Interpretative Dancing. (Women.) One-half credit hour. Miss Fisher.

151. Swedish Gymnastics. (Men and women.) One credit hour. Mr. St. John.

152. Light and Intermediate Apparatus. (Men and women.) One credit hour. Mr. Trautman.

171. Principles of Scouting and Scout Craft for Boys. (Men.) One credit hour. Mr. Trautman and special lecturers.

PHYSICS

Office, 107 Physics Building

PROFESSORS COLE, EARHART, BLAKE, AND ALPHEUS W. SMITH, ASSISTANT PROFESSOR HEIL, MR. WOODBURY, MR. ALVA W. SMITH, MR. WARD, MR. JARVIS, MR. LOWRY, MR. BROWN, AND DEPARTMENT ASSISTANTS

103-104. General Physics. Four credit hours. The year. Recitations, lectures, and laboratory. A non-mathematical course for students who have no entrance credit in physics.

105-106. General Physics. Four credit hours. The year. Three recitations and one three-hour laboratory period each week. Prerequisite, entrance credit in physics.

109. Physics for Students in Agriculture. Three credit hours. Either semester. One lecture and two recitations each week. Agriculture, first year.

111. General Physics. Three credit hours. First semester. Two recitations and two laboratory hours each week. Architectural, Ceramic, Chemical, Civil, Metallurgical, and Mine Engineering, second year. Prerequisites, entrance physics and Mathematics 132.

112. General Physics. Three credit hours. Second semester. Two recitations and two laboratory hours each week. Architectural, Ceramic, Chemical, and Metallurgical Engineering, second year. Prerequisite, Physics 111.

113. General Physics. Five credit hours. First semester. Four recitations and two laboratory hours each week. Electrical, General and Mechanical Engineering, second year. Prerequisites, elementary physics and Mathematics 132.

117. General Physics. Two credit hours. First semester. Two recitations each week in mechanics, acoustics, and heat with demonstrations. Architecture, second year. Prerequisites, entrance physics and Mathematics 132.

118. General Physics. Two credit hours. Second semester. Two recitations each week in electricity and light, with demonstrations. Architecture, second year. Prerequisite, Physics 117.

119. General Physics. Three credit hours. Second semester. Three recitations each week. Mechanical Engineering, second year. Prerequisite, Physics 113.

120. The Teaching of Physics. Two credit hours. Second semester. Prerequisite, one semester of college work in physics.

121-122. Laboratory. Three to five credit hours. The year. Prerequisite, Physics 103-104 or 105-106.

123-124. Advanced Laboratory. Three to five credit hours. The year. Prerequisite, Physics 121-122.

125. General Physics. Five credit hours. Second semester. Four recitations on text, and two laboratory hours each week. Civil, General, and Mine Engineering, second year. Prerequisite, Physics 111.

129. Electricity and Magnetism. Two credit hours. First semester. Two recitations each week. Electrical Engineering, second year. Concurrent, Physics 113.

130. Electricity and Magnetism. Six credit hours. Second semester. Three recitations and six laboratory hours each week.

A continuation of Physics 129. Electrical Engineering, second year. Prerequisites, Physics 113 and 129.

132. Wave Motion, Sound, and Light. Two credit hours. Second semester. One recitation and two laboratory hours each week. Electrical Engineering, second year. Prerequisites, Physics 113 and 129; concurrent, Physics 130.

135. Electrical Measurements and Photometry. Five credit hours. First semester. Two recitations and six laboratory hours each week. A continuation of Physics 134. Electrical Engineering, third year. Prerequisites, Physics 114 and 134, Mathematics 141-142

138. Physical Laboratory. Two credit hours. Second semester. Four laboratory hours each week. Mechanical Engineering, second year. Prerequisite, Physics 111; concurrent, Physics 112. Elective, three to five credit hours.

139-140. Advanced Electrical Measurements. Three to five credit hours. The course may be elected either semester. Prerequisite, Physics 135 or equivalent.

143-144. Advanced Light and Electricity. Three credit hours. The year. Prerequisites, Physics 103-104 or 105-106 and Mathematics 141-142 or 127-128. First semester, light; second semester, electricity and magnetism.

This course alternates with Physics 147-148.

Physics 143-144 and 147-148 together constitute a two-year cycle moderately advanced, covering the whole subject of physics.

145-146. Proseminary in Physics. One credit hour. The year. Prerequisite, two years of college work in physics or one year in physics and one in mathematics or chemistry.

***147. Molecular Physics and Heat.** Three credit hours. First semester. Prerequisites, Physics 103-104 or 105-106 and Mathematics 141-142 or 127-128.

This course alternates with Physics 143-144.

***148. Conduction of Electricity through Gases and Radio-Activity.** Three credit hours. Second semester. Prerequisites, Physics 103-104 or 105-106 and Mathematics 141-142 or 127-128.

This course alternates with Physics 143-144.

151-152. Advanced General Physics. Three credit hours. The year. Three recitations each week. Prerequisites, Physics 103-104 or 105-106 and Mathematics 121-122 or 131-132.

***169-170. Theory of Light.** Two credit hours. The year. Prerequisites, Physics 105-106 and Mathematics 141-142, or equivalents.

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: The graduate courses in Physics all presuppose a good course in college physics extending over at least a year and including laboratory work. In addition, the theoretical courses have a working knowledge of calculus as a prerequisite and the laboratory courses presuppose a year's work in the laboratory of a more advanced character than that included in the college course in general physics. A fair reading knowledge of German and French is highly desirable.

The following courses are open only to advanced undergraduates and graduates: 123, 124, 135, 139, 140, 143, 144, 145, 146, 147, 148, 169, 170, 201-208, 211-214, 217, 218.

201-202. Research Laboratory. Three to five credit hours. The year. Prerequisite, two years of laboratory physics.

203-204. Theoretical Mechanics. Three credit hours. The year. Prerequisite, same as for Physics 169-170.

205-206. Thermodynamics and Electrolytic Conduction. Two credit hours. The year. Prerequisite, same as for Physics 169-170.

***207-208. Theory of Electricity and Magnetism.** Three credit hours. The year. Prerequisite, same as for Physics 169-170.

Physics 203-204, 205-206, 207-208, and 169-170 together form an advanced two-year cycle covering the whole ground of physics.

***211-212. Theory of Oscillations with Applications to Wireless Telegraphy.** Three credit hours. The year.

213-214. Conduction of Electricity Through Gases and Radio-Activity. Two credit hours. The year.

217-218. Electronic Theory and Atomic Structure. Three credit hours. The year. Prerequisite, two years of college physics and the calculus.

SUMMER SESSION—1921

111. General Physics. Three credit hours. Mr. Earhart, Mr. Lowry.

112. General Physics. Three credit hours. Mr. Woodbury, Mr. Lowry.

121 or 122 and 123 or 124. Advanced Laboratory Physics. Two or three credit hours. Mr. Ward.

144. Electricity. Three credit hours. Mr. Earhart.

*Not given in 1921-1922.

PHYSIOLOGY, PHYSIOLOGICAL CHEMISTRY, AND PHARMACOLOGY

Office, 104 Biological Building

PROFESSOR BLEILE, ASSISTANT PROFESSORS SEYMOUR, McPEEK AND SMITH, MR. DURRANT, AND DEPARTMENT ASSISTANTS

Physiology 101-102 is the foundation course offered by the department and is prerequisite to advanced work. For Arts and Arts-Education students, or others who expect to teach in biological subjects, the following sequence of courses would seem desirable:

Course 101-102 (accompanied by 137-138) followed by 115 and 118 or 106, and these courses succeeded by 109-110 or 111-112. Advanced laboratory courses should be preceded or accompanied by advanced physics and chemistry courses. A foundation knowledge of comparative anatomy or of embryology will also prove helpful in advanced physiology.

Course 119-120 has been arranged to present the fundamental principles of physiology in a non-technical manner to students who have had no training in chemistry, but this course is not acceptable as a prerequisite for advanced work.

For Pre-Medical students, courses 101-102 (preferably accompanied by 103-104) or 132 followed by 118 are advised. More advanced courses are not ordinarily advantageous to the student expecting to enter Medicine.

101-102. Physiology. Three credit hours. The year. Not open to Freshmen. Must be preceded by a course in chemistry.

106. Chemical Physiology. Four credit hours. Second semester. Prerequisite, a course in elementary physiology.

107. Human Anatomy and Physiology. Three credit hours. First semester. Pharmacy Short Course, second year.

109-110. Physiological Laboratory. Three credit hours. The year.

111-112. Physiological Laboratory. Five credit hours. The year.

114. Comparative Physiology. Four credit hours. First semester. Second year, Veterinary Medicine.

115. Advanced Physiology. Three credit hours. First semester. Prerequisite, Physiology 101-102.

118. Advanced Physiology. Three credit hours. Second semester. Prerequisite, Physiology 101-102 or Physiology 132.

119-120. General Physiology. Three credit hours. The year. Not open to Freshmen.

132. General Physiology. Three credit hours. Second semester. Three lectures each week. Must be preceded by a course in chemistry.

The course is designed primarily for Pre-Medical students only.

137-138. Physiology Laboratory. One credit hour. The year. Must be accompanied by Physiology 101-102, which course it is intended to supplement by experimental work. One laboratory period of two hours each week.

GRADUATE WORK

Prerequisite for Graduate Work: The following courses for advanced students presuppose at least one year's collegiate work, including lectures and laboratory work, in human anatomy and physiology, and a course in chemistry, including laboratory work.

The following courses are open only to advanced undergraduates and graduates: 109, 110, 111, 112, 115, 118, 121, 122, 123, 130, 201, 202, 203, 204.

The work of the graduate student in the following courses will be arranged to meet the requirements in individual cases where there is a specific end in view and may be taken in some line in chemical or experimental physiology. These courses must be preceded by the elementary courses or equivalents.

201-202. Advanced Physiology. Three credit hours. The year.

203-204. Research Work. Five to ten credit hours. The year.

COLLEGE OF DENTISTRY

127. Physiology. Three credit hours. First semester. Two lectures or recitations and three laboratory hours each week. Dentistry, second year; Applied Optics, second year.

128. Physiology. Three credit hours. Second semester. Two lectures or recitations and three laboratory hours each week. Dentistry, second year; Applied Optics, second year. Prerequisite, Physiology 127.

134. Bio-Chemistry. Two credit hours. Second semester. One recitation and three laboratory hours each week. Dentistry, second year.

COLLEGE OF HOMOEOPATHIC MEDICINE

121. Medical Physiology. Five credit hours. First semester. Three recitations or lectures and eight laboratory hours each week. Homoeopathic Medicine, second year.

122. Medical Physiology. Five credit hours. Second semester. Three recitations or lectures, and six laboratory hours each week. Prerequisite, Physiology 121.

123. Bio-Chemistry. Four credit hours. First semester. Two lectures and six laboratory hours each week. Homoeopathic Medicine, first year. Prerequisite, an acceptable course in organic chemistry.

COLLEGE OF MEDICINE

121. Medical Physiology. Five credit hours. First semester. Three recitations or lectures, and eight laboratory hours each week. Thirty-two didactic hours, 144 laboratory hours; total 176 hours. Medicine, second year.

122. Medical Physiology. Five credit hours. Second semester. Three recitations or lectures, and six laboratory hours each week. Thirty-two didactic hours, 144 laboratory hours; total 176 hours. Medicine, second year. Prerequisite, Physiology 121.

123. Bio-Chemistry. Four credit hours. First semester. Two lectures and six laboratory hours each week. Thirty-two didactic hours, 96 laboratory hours; total 128 hours. Medicine, first year. Prerequisite, an acceptable course in organic chemistry.

130. Pharmacology. Four credit hours. Second semester. Two lectures and six laboratory hours each week. Thirty-two didactic hours, 96 laboratory hours; total 128 hours. Medicine, second year. Prerequisite, Physiology 123, except on permission of the instructor.

139. Evaluation of Diets. Two credit hours. First semester. Two lectures or quizzes each week. Open to students in the College of Medicine and in Industrial Medicine. Prerequisites, Physiology 121, 122, and 123.

APPLIED OPTICS

161. Physiology of the Eye. Three credit hours. First semester.

POLITICAL ECONOMY

(See Economics and Sociology)

POLITICAL SCIENCE

Office, 206 Hayes Hall

PROFESSORS SPENCER AND COKER

101-102. Government in the United States and Europe. Three credit hours. The year. Not open to Freshmen.

106. Municipal Government. Three credit hours. First semester. Prerequisite, Political Science 101-102.

***109-110. State, County, and Municipal Government in Ohio.** Two credit hours. The year. Prerequisite, Political Science 101-102.

113-114. Problems in International Politics. Three credit hours. The year. Prerequisite, Political Science 101-102.

***115-116. History of Political Theories.** Two credit hours. The year. Prerequisite, Political Science 101-102. Given biennially.

*Not given in 1921-1922.

117-118. Proseminary. Two credit hours. The year. Prerequisite, Political Science 101-102, and two other semester courses in the Social Science group.

125. Introduction to Jurisprudence. Three credit hours. First semester. Prerequisite, Political Science 101-102.

126. International Law. Three credit hours. Second semester. Prerequisite, Political Science 101-102.

130. Municipal Functions. Three credit hours. Second semester. Prerequisites, Political Science 101-102, 106.

131. State Government. Three credit hours. First semester. Prerequisite, Political Science 101-102.

132. State Functions. Two credit hours. Second semester. Prerequisite, Political Science 101-102.

151-152. Methods of Governmental Research. Two credit hours. The year. Prerequisite, Political Science 101-102.

GRADUATE WORK

Prerequisite for Graduate Work: Graduate work in this department presupposes a foundation laid in college courses in the historical and social sciences. As a qualification for the study of political science as a graduate "major", the student must have completed previously the equivalent of four three-hour semester courses, chosen among the subjects of political science, history, and economics. This must include one full year's work in political science.

The following courses are open only to advanced undergraduates and graduates: 106, 109, 110, 113, 114, 115, 116, 117, 118, 125, 126, 130, 131, 132, 151, 152, 201, 202.

201-202. Research in Political Science. Two credit hours. The year.

SUMMER SESSION—1921

102. Government in Europe. Three credit hours. Mr. Spencer.

109. State, County, and Municipal Government in Ohio. Two credit hours. Mr. Spencer.

201. Research in Political Science. Two credit hours. Mr. Spencer.

POULTRY HUSBANDRY

Office, Judging Pavilion

PROFESSOR JACOBY

117-118. Poultry Husbandry. Three credit hours. The year.

119. Poultry Management. Two credit hours. First semester. One lecture and one discussion period each week. Prerequisite, Poultry Husbandry 117-118.

120. Poultry Feeding. One credit hour. Second semester. Prerequisite, Poultry Husbandry 117-118.

121. Poultry Culture. One credit hour. Second semester.

122. Incubator Practice. One credit hour. Second semester. Practice work in operating an incubator.

124. Poultry Judging. Two credit hours. Second semester. Prerequisite, Poultry Husbandry 117-118.

PRINCIPLES AND PRACTICE OF EDUCATION

Office, 100 B Hayes Hall

PROFESSORS CLIFTON AND TWISS, ASSISTANT PROFESSOR LANDSITTEL

103. Principles and Methods of High School Teaching. Three credit hours. Either semester. Prerequisites, Psychology 101-102, History of Education 101.

104. Observation, Criticism, and Practice. Three credit hours. Either semester. Prerequisite, Principles and Practice of Education 103.

109. Principles of Education. Three credit hours. Either semester. Open to Seniors and graduate students only.

111-112. Advanced Principles of Education. Three credit hours. The year. Prerequisites, Physiology 101 and 104, Psychology 101-102, and History of Education 101-102.

113. Social Aims in Education. Two credit hours. First semester. Prerequisites, Psychology 101-102 and either Sociology 101-102 or Philosophy 101-104, or 105, or 107-108, or European History 135-136. Students are advised to take Psychology 125.

119. The Supervision of Teaching. Three credit hours. Either semester. Open to Seniors and graduate students.

Prerequisite for Graduate Work: Prerequisite for graduate work in this department is one year each of collegiate work in psychology, history of education, and principles and practice of education. The last course must cover a study of educational theory with observation and criticism of classroom work.

The following courses are open only to advanced undergraduates and graduates: 109, 111, 112, 113, 119.

SUMMER SESSION—1921

103. Principles and Methods of High School Teaching. Three credit hours. Mr. Twiss.

109. Principles of Education. Three credit hours. Mr. Henderson.

112. Advanced Principles of Education. Three credit hours. Mr. Henderson.

113. Social Aims in Education. Two credit hours. Mr. Leighton.

119. The Supervision of Teaching. Three credit hours. Mr. Twiss.

PROSTHESIS

Office, 710 North Park Street

PROFESSOR COTTRELL, ASSISTANT PROFESSOR WILTBERGER, DR. SHUMWAY, DR. MOBBERLY, DR. STARR

101. Prosthetic Dentistry. Four credit hours. First semester. One lecture or recitation and nine laboratory hours each week. Dentistry, first year.

102. Prosthetic Dentistry. Four credit hours. Second semester. One lecture or recitation and nine laboratory hours each week. Dentistry, first year. Prerequisite, Prosthesis 101.

A continuation of Prosthesis 101.

103. Prosthetic Dentistry. Four credit hours. First semester. One recitation and nine laboratory hours each week. Dentistry, second year.

104. Prosthetic Dentistry. Two credit hours. Second semester. One recitation and three laboratory hours each week. Dentistry, second year.

105. Crown and Bridge Technic. Three credit hours. First semester. One lecture and six laboratory hours each week. Dentistry, second year.

106. Crown and Bridge Technic. Two credit hours. Second semester. One lecture and three laboratory hours each week. Dentistry, second year.

107. Crown and Bridge Work. Two credit hours. First semester. One lecture or recitation and three laboratory hours each week. Dentistry, third year.

112. Crown and Bridge Principles, Technic and Practice. Two credit hours. Second semester. Six laboratory and clinical hours each week. Dentistry, third year.

A continuation of Prosthesis 107.

115-116. Crown and Bridge Practice. Two credit hours. The year. Six clinical hours each week. Dentistry, fourth year.

117-118. Prosthetic Dentistry Practice. Three credit hours. The year. One recitation and six laboratory and clinical hours each week. Dentistry, third year.

A continuation of Prosthesis 104.

119-120. Prosthetic Dentistry Practice. Two credit hours. The year. Six clinical hours each week. Dentistry, fourth year.

A continuation of Prosthesis 118.

132. Dental Metallurgy. Two credit hours. First semester. One lecture and two laboratory hours each week. Dentistry, second year.

PSYCHOLOGY

Office, 403 University Hall

PROFESSORS ARPS, PINTNER, AND WEISS, ASSISTANT PROFESSORS BRIDGES, CRANE, AND BURTT, MISS COY, MISS ROGERS, MISS HATCH, MISS CHASSELL, MR. ESPER, AND DEPARTMENT ASSISTANTS

101-102. Elementary Psychology: Introductory Course. Three credit hours. The year.

Psychology 101 is given also during the second semester.

Psychology 102 is given also during the first semester.

A limited number of beginning students in psychology may take 103-104 as equivalent to 101-102.

103-104. Elementary Psychology. Three credit hours. The year. Two lectures and one laboratory period each week. The number of students admitted to this course is limited to forty.

105. Introductory Psychology. Three credit hours. First semester. Elementary course for students in the College of Agriculture.

107-108. Educational Psychology. Two credit hours. The year. Prerequisite, Psychology 101-102 or 103-104.

Psychology 107 is given also during the second semester.

Psychology 108 is given also during the first semester.

111. Experimental Psychology: Introduction. Three credit hours. First semester. One lecture and two laboratory periods each week. Prerequisite, Psychology 101-102.

112. Experimental Psychology: Advanced. Three credit hours. Second semester. One lecture and four laboratory hours each week. Prerequisite, Psychology 104 or 111.

114. Mental and Social Measurements. Two credit hours. Second semester. Prerequisite, Psychology 101-102 or 103-104. Not open to Freshmen and Sophomores.

115-116. Genetic Psychology and Child Study. Two credit hours. The year. Prerequisite, Psychology 101-102 or 103-104. Not open to Freshmen and Sophomores.

***118. Principles of Human Behavior.** Two credit hours. First semester. This course alternates biennially with Psychology 153. Prerequisite, twelve hours of psychology.

119. Animal Psychology. Two credit hours. First semester. Prerequisite, Psychology 101-102 or 103-104.

121. Abnormal Psychology. Four credit hours. First semester. Prerequisite, Psychology 101-102 or 103-104.

122. The Defective Child. Four credit hours. Second semester. Prerequisite, Psychology 101-102 or 103-104.

124. Psychopathology. Two credit hours. Second semester. Prerequisite, Psychology 121.

125. Social Psychology. Three credit hours. First semester. Prerequisite, Psychology 101-102 or 103-104.

126. Folk Psychology. Three credit hours. Second semester. Prerequisite, Psychology 101-102 or 103-104.

127. Industrial Psychology. Two credit hours. Second semester. Lectures, recitations, and reports. Prerequisite, Psychology 101-102 or 103-104.

128. Psychology of Advertising. Two credit hours. Either semester. Prerequisite, Psychology 101-102 or 103-104.

*Not given in 1921-1922.

129. Advanced Psychology. Two credit hours. First semester. Prerequisite, ten hours of psychology.

131-132. Advertising Laboratory. Two credit hours. The year. Prerequisites, Psychology 101-102 or 103-104, and 128 either taken previously or concurrently.

133-134. Mental Tests. Three credit hours. The year. Prerequisite, Psychology 112 or 107-108 or 121-122.

135-136. Industrial and Vocational Psychology Laboratory. Two credit hours. The year. Prerequisite, permission of the instructor.

138. Psychology of Feeling and Emotion. Two credit hours. Second semester. Prerequisite, Psychology 129.

***139-140. History of Psychology.** Two credit hours. The year. Given biennially. Prerequisites, Psychology 129 and 138 or the permission of the instructor.

141-142. Minor Problems. Two to four credit hours. The year. Prerequisite, at least twelve hours of psychology.

147-148. The Psychological Clinic. One or two credit hours. The year. Permission of the instructor is necessary.

149-150. Physiological Psychology. Two credit hours. The year. Prerequisite, Psychology 101-102 or 103-104.

151-152. Criminal and Legal Psychology. Two credit hours. The year. Prerequisite, Psychology 101-102 or 103-104. Not open to Freshmen and Sophomores.

153. Theoretical Psychology. Two credit hours. First semester. Alternating biennially with Psychology 118. Prerequisite, at least two years in psychology.

***155. The Treatment of Exceptional Children.** Two credit hours. First semester. Prerequisite, Psychology 101-102 or 103-104 and permission of the instructor. Not open to Freshmen and Sophomores. Given biennially.

157. Abnormal Psychology. One credit hour. First semester. One hour each week. Total 16 hours. Medicine, fourth year.

GRADUATE WORK

Prerequisite for Graduate Work: A student who desires to become a candidate for an advanced degree, with Psychology as a major subject, must previously have completed the equivalent of at least two years of psychology; or he must have completed one year of

*Not given in 1921-1922.

psychology and one year of college work in one of the following subjects: philosophy, mathematics, physiology, physics, zoology, sociology.

The following courses are open only to advanced undergraduates and graduates: 114, 115, 116, 118, 119, 121, 122, 124, 125, 126, 127, 128, 129, 131, 132, 133, 134, 135, 136, 138, 139, 140, 141, 142, 147, 148, 151, 152, 153, 155, 201, 202, 203, 204, 205, 206.

201-202. Major Research. Three credit hours or more. The year. Primarily intended for students offering theses for advanced degrees.

203-204. Seminary in Psychology. Two credit hours. The year. (Formerly Psychology 143-144.) Prerequisite, permission of the instructor.

205-206. Contemporary Psychological Literature. One credit hour. The year.

GRADUATE COURSES AT THE STATE BUREAU OF JUVENILE RESEARCH

The Bureau of Juvenile Research offers courses which may be elected for credit by graduate students, after consultation with the Director of the Bureau and the Head of the Department of Psychology.

251-252. Psycho-Physics. Two credit hours. The year.

253. Psycho-Biology. Two credit hours. First semester. Mr. Goddard.

254. Psycho-Genetics. Two credit hours. Second semester. Mr. Goddard.

255-256. Genetic Aspects of Clinical Diagnoses. One credit hour. The year.

257-258. The Psychopathic Child. Two credit hours. The year. Mr. Goddard.

259. Psychology of Atypical Children. Two credit hours. Summer Session. Mr. Goddard.

260. Technique of Mental Tests. Two credit hours. Summer Session.

261. Clinical Diagnosis. Two or three credit hours. Summer Session. Mr. Goddard.

SUMMER SESSION—1921

115. Genetic Psychology and Child Study. Two credit hours. Miss Chassell.

122. The Defective Child. Three credit hours. Mr. Pressey.

107. Educational Psychology. Two credit hours. Miss Chassell.

108. Educational Psychology. Two credit hours. Miss Chassell.

114. Mental and Social Measurements. Two credit hours. Mr. Weiss.

125. Social Psychology. Three credit hours. Mr. Weiss.

129. Advanced Psychology. Two credit hours. Mr. Weiss.

133. Mental Tests. Two credit hours. Mr. Pressey.

141. Minor Research. Two credit hours or more. Mr. Weiss, Mr. Pressey.

155. The Treatment of Exceptional Children. Two credit hours. Miss Fitzgerald.

201. Major Research. Three credit hours or more. Mr. Weiss, Mr. Pressey.

203. Seminary in Mental Tests. Two credit hours. Mr. Pressey.

PUBLIC HEALTH AND SANITATION

Office, 710 North Park Street

PROFESSORS HAYHURST AND McCAMPBELL, ASSISTANT PROFESSOR SELBERT

101. Public Health Administration. Two credit hours. First semester. Two lectures or recitations each week. Total 32 hours.

105-106. Principles of Public Health Nursing. Two credit hours. The year. Two lectures or recitations each week. Total 64 hours.

107-108. Public Health Nursing Field Work. Seven credit hours. The year. One conference and twenty hours of field work each week. Total 672 hours.

110. Preventive Medicine. Two credit hours. Second semester. Two lectures or recitations each week. Total 32 hours. Public Health Nursing.

112. Personal Hygiene. Three credit hours. Second semester. Elective. Three lectures or recitations each week. Forty-eight didactic hours. Medicine, first year.

113. Personal Hygiene. Two credit hours. First semester. Two lectures or recitations each week. Total 32 hours. Given only on the Campus.

115. Preventive Medicine. Two credit hours. First semester. Two recitations and demonstrations each week. Total 32 hours. Medicine, fourth year.

118. Seminary in Public Health Nursing. Two credit hours. Second semester. Public Health Nursing.

121. Public Health Problems. Two credit hours. Either semester. Two lectures or recitations each week. Total 32 hours. Given only on the Campus.

122. Industrial Hygiene. Two credit hours. Second semester. Two lectures or recitations each week. Elective. Given only on the Campus.

GRADUATE WORK

201. Personal Hygiene. Three credit hours. First semester. Three lectures or recitations each week. Total 48 hours.

202. Industrial Hygiene. Three to five credit hours. Second semester.

204. Preventive Medicine. Two credit hours. Second semester.

205. Public Health Administration and the Public Health Problems. Two credit hours. First semester.

207. Demography. Two credit hours. First semester. Two lectures or recitations each week. Total 32 hours. Prerequisite or concurrent, Economics 177.

208. Social Service and Public Health Nursing. Two credit hours. Second semester. Two lectures or recitations each week. Total 32 hours.

209-210. Communicable Diseases. Three credit hours. The year.

211-212. Public Health Engineering. Three credit hours. The year.

213-214. Public Health Laboratory and Inspection Methods. Three credit hours. The year.

216. Seminary and Thesis. One credit hour. Second semester.

SCIENCE NURSING

101-102. Elementary Nursing. Two credit hours. The year. One lecture and three laboratory or demonstration hours each Saturday morning. Total 128 hours. Science Nursing, first year.

103. Drugs and Solutions. One credit hour. Summer period following first year of the Science Nursing curriculum. One lecture each week. Total 12 hours. Prerequisite, first year of the Science Nursing curriculum.

104. Hospital Ward Duty. Eight credit hours. Summer period following first year of the Science Nursing curriculum. Eight hours of hospital ward duty each day for six days each week. Total 384 hours. Prerequisite, first year of the Science Nursing curriculum or its equivalent.

111. Elements of Pathology. Two credit hours. First semester. Two lectures each week. Total 32 hours. Science Nursing, third year. Prerequisite, first two years of the Science Nursing curriculum and preliminary nursing period.

113. Medical Nursing. Two credit hours. First semester. Two lectures each week. Total 32 hours. Science Nursing, third year. Prerequisite, first two years of the Science Nursing curriculum and preliminary nursing period.

115. Surgical Nursing. One credit hour. First semester. One lecture each week. Total 16 hours. Science Nursing, third year. Prerequisite, first two years of the Science Nursing curriculum and preliminary nursing period.

117. Materia Medica. One credit hour. First semester. One lecture each week. Total 16 hours. Science Nursing, third year. Prerequisite, first two years and preliminary nursing period of the Science Nursing curriculum.

119. Hospital Ward Duty. Eight credit hours. Summer period following the second year of the Science Nursing curriculum. Eight hours each day; six days each week for eight weeks. Total 384 hours. Prerequisite, first two years of the Science Nursing curriculum and Science Nursing 104.

122. Proseminary in Case Studies. Two credit hours. Second semester. Two conferences each week. Total 32 hours. Science Nursing, third year. Prerequisite, first two years and preliminary nursing period of the Science Nursing curriculum.

123. Hospital Ward Duty. Eight credit hours. First semester. Eight hours each day; six days each week for eight weeks. Total 384 hours. Prerequisite, first two years of the Science Nursing curriculum and Science Nursing 119.

125. Gynecological Nursing. One credit hour. First semester. One lecture each week. Total 16 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

127. Orthopedic Nursing. One credit hour. First semester. One lecture each week. Total 16 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

129. Obstetrical Nursing. Two credit hours. First semester. One lecture and one demonstration each week. Total 32 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

131. Nursing in Diseases of Infants and Children. Two credit hours. First semester. Two lectures each week. Total 32 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

133. Nursing in Communicable Diseases. Two credit hours. First semester. Two lectures each week. Total 32 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

135. Nursing in Diseases of the Eye, Ear, Nose, and Throat. One credit hour. First semester. One lecture each week. Total 16 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

137. Operating Room Technic. One credit hour. First semester. One lecture or demonstration each week. Total 16 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

139. Hospital Ward Duty. Six credit hours. First semester. Four ward duty hours each day; twenty-four hours each week. Total 384 hours. Science Nursing, fourth year. Prerequisite, first three years of the Science Nursing curriculum.

141. Hospital Ward Duty. Eight credit hours. Summer period following third year of the Science Nursing curriculum. Eight hours each day; six days each week for eight weeks. Total 384 hours. Prerequisite, first three years of the Science Nursing curriculum.

151. Observation and Criticism of the Teaching in Schools of Nursing. Two credit hours. Either semester.

153. Teaching of Nursing Principles and Methods. Two credit hours. Either semester.

156. Teaching Practice in Schools of Nursing. Two credit hours. Either semester.

158. Observations of Supervision in Hospitals and Training Schools. Two credit hours. Second semester.

159. History and Ethics of Nursing. One credit hour. First semester.

162. History of Nursing and Contemporary Problems. Two credit hours. Second semester.

RHETORIC AND ENGLISH LANGUAGE

(See English)

ROMANCE LANGUAGES AND LITERATURES

Office, 104 Hayes Hall

PROFESSORS HENDRIX AND MOORE, ASSISTANT PROFESSOR AND ACTING HEAD OF THE DEPARTMENT R. E. ROCKWOOD, ASSISTANT PROFESSORS HAVENS, HACKER, HAMILTON, GUTIERREZ, WILLIAMS, AND CONRAD, MR. TAILLIART, MISS HIER, MR. SLOAN, MISS BROWN, MISS SCHONS, MR. GRISMER, MR. FOURE, MRS. ARTHUR, MISS BIGGER, MR. GRAHAM, MISS TERRY, AND DEPARTMENT ASSISTANTS

French 101-102, 103-104 must precede all other courses in French.

The undergraduate courses offered in French and Spanish, beginning with the third year collegiate work, fall into two general groups: (1) literary—French 109-110, 135-136, 137-138, 139-140, 141-142, 145-146, 125-126, Spanish 105-106, 119-120, 121-122, 123-124, 125-126, 131-132; (2) linguistic—French 123, 124, 127-128, 129-130, 131-132, Spanish 109-110, 113-114; so that the students may emphasize one or both of these lines of study.

For students who enter with two years of high school French, and who desire to major in French, the following outline course is recommended:

First year: French 103-104.

Second year: (1) French 109-110 or 135-136. (2) French 127-128.

Third and fourth years: (1) French 137-138, 139-140, 141-142. (2) French 129-130, 125-126, 131-132, 122, 123, or 124.

For students who enter with two years of high school Spanish, the following outline course is recommended:

First year: Spanish 103-104.

Second year: Spanish 105-106 and 109-110.

Third and fourth years: Spanish 113-114, 119-120, 121-122, 123-124, 125-126.

See the Bulletin of the College of Education for Teachers' Courses.

FRENCH

101-102. Elementary French. Four credit hours. The year. Grammar and prose.

No student will be permitted to take this course concurrently with Spanish 101-102 or Italian 101-102.

103-104. Intermediate French. Four credit hours. The year. Prerequisite, French 101-102 or an equivalent.

French 104 is given also during the first semester.

109-110. French Literature of the Seventeenth Century. Three credit hours. The year. Prerequisite, French 104.

The principal literary movements of the age; formation of the school of 1660. The Libertines, growth of French comedy and tragedy, and the quarrel of the Ancients and the Moderns will be discussed. Representative plays of Moliere, Corneille, and Racine will be studied. Selected works of Malherbe, DeViau, Descartes, Pascal, La Bruyere, La Fontaine, La Rochefoucauld, and Boileau will be read. Lectures, collateral reading and reports.

122. The Teaching of French. Two credit hours. Second semester. Prerequisite, three years of collegiate French or an equivalent.

123. French Phonetics. Three credit hours. Either semester. Prerequisite, three years of collegiate French or the equivalent. This class is limited to twelve. Designed for advanced students who expect to teach French.

124. Review of French Syntax. Two credit hours. First semester. Prerequisite, three years of collegiate French or the equivalent. Designed for advanced students who expect to teach French.

***125-126. History of French Literature.** Two credit hours. The year. This course is given biennially and alternates with French 131-132. Prerequisites, French 127-128 and at least one course in Group 1. This course is conducted in French.

127-128. Elementary French Conversation and Composition. Two credit hours. The year. Prerequisite, French 104. This course is conducted in French. This course is limited to twenty students.

***129-130. Intermediate French Conversation and Composition.** Two credit hours. The year. Prerequisite, French 107-108. This course is conducted in French. This course is limited to twenty students.

131-132. Explication de Textes. Two credit hours. The year. Prerequisites, French 129-130 and a course in Group 1. Given biennially, alternating with French 125-126. This course is conducted in French.

Selections from nineteenth century and contemporary authors.

First semester: Lamartine, Hugo, Musset, Vigny, Sainte Beuve, Michelet, Tocqueville, Taine, Leconte de Lisle.

*Not given in 1921-1922.

Second semester: Maupassant, Daudet, Augier, Dumas, France, Barres, Bazin, de Curel, Rostand, Faguet, Lemaitre.

135-136. French Literature of the 19th Century. Three credit hours. The year. Prerequisite, French 104.

The Romantic and Realistic Movements. Chateaubriand, Hugo, Merimee, Flaubert, Rostand, and others.

137-138. French Literature of the 18th Century. Two credit hours. The year. Prerequisite, French 109-110 or French 135-136. Given biennially, alternating with French 139-140.

Rapid reading, with lectures and reports. Special study of Crebillon, Voltaire, Marivaux, La Chaussee, Diderot, Beaumarchais, Montesquieu, Rousseau, and others.

***139-140. French Literature of the 15th and 16th Centuries.** Two credit hours. The year. Alternates with French 137-138. Prerequisite, French 109-110 or French 135-136.

Villon, Rabelais, and Montaigne.

141-142. The French Novel. Two credit hours. The year. Prerequisite, French 109-110 or 135-136. Given biennially, alternating with French 145-146.

First semester: Evolution of the Novel; the Novel in the 16th, 17th and 18th centuries; Rabelais, Honore d'Urfe, Mme. de La Fayette, Lesage, Marivaux, l'Abbe Prevost, Rousseau, Voltaire, Diderot, Bernardin de St. Pierre. Lectures, reports, and collateral reading.

Second semester: The Novel of the 19th Century; Mme. de Stael, Chateaubriand, George Sand, Hugo, Balzac, Flaubert, Maupassant, Zola, Daudet, France, Bazin, Loti, etc. Lectures, reports, and collateral reading.

***145-146. The Comedy of Manners in the 19th Century.** Two credit hours. The year. Prerequisite, French 109-110 or French 135-136. Given biennially, alternating with French 141-142.

Special study of Dumas fils, Augier, Scribe, Sardou, Becque, Cure, Hervieu, Lavedan, Donnay, and Bernstein. Rapid reading with lectures and reports.

SUMMER SESSION—1921

104. Modern French Literature. Four credit hours. Mr. Hacker.

107. Elementary French Conversation and Composition. Two credit hours. Mrs. Foure.

122. The Teaching of French. Two credit hours. Mr. Moore.

*Not given in 1921-1922.

123. French Phonetics. Two credit hours. Mr. Hacker.

124. Review of French Syntax. Two credit hours. Mr. Hacker.

125. History of French Literature. Two credit hours. Mrs. Foure.

135. French Literature of the Nineteenth Century. Three credit hours. Mr. Moore.

140. French Literature of the Fifteenth and Sixteenth Centuries. Two credit hours. Mr. Moore.

ITALIAN

101-102. Elementary Italian. Four credit hours. The year.

Grandgent's or Young's Grammar and Bowen's Reader. Modern prose. Comedies of Goldoni.

FOR ADVANCED UNDERGRADUATES AND GRADUATES

105-106. Modern Italian Literature. Two credit hours. The year. Prerequisite, Italian 101-102.

Manzoni, Pellico, Giacosa, Rovetta, Carducci, and others.

***107. Italian Literature of the Renaissance.** Two credit hours. First semester. Prerequisite, Italian 105-106. Alternates with Italian 119.

Boiardo, Ariosto, Pulci, Machiavelli, Castiglione, Cellini, Tasso. Lectures, collateral reading, and reports.

***108. The Trecento.** Two credit hours. Second semester. Prerequisite, Italian 105-106. Alternates with Italian 120.

Dante, Petrarch, Boccaccio.

119-120. Survey of Italian Literature. Three credit hours. The year. No prerequisites, and no knowledge of foreign language required. Alternates with Italian 107-108.

English translations of Dante, Petrarch, Boccaccio, Ariosto, Machiavelli, Cellini, Castiglione, Tasso, Manzoni, and others. Lectures, readings, and reports will be in English.

SPANISH

101-102. Elementary Spanish. Four credit hours. The year.

No student may take this course concurrently with French 101 or Italian 101.

*Not given in 1921-1922.

103-104. Intermediate Spanish. Four credit hours. The year. Prerequisite, Spanish 101-102 or an equivalent.

105-106. Advanced Spanish. Three credit hours. The year. Prerequisite, Spanish 103-104 or 110.

109-110. Customs and Manners of Spain. Commercial Correspondence. Two credit hours. The year. Prerequisite, Spanish 104.

113-114. Advanced Composition and Conversation. Three credit hours. The year. Prerequisite, Spanish 110 or an equivalent.

Designed especially for prospective teachers and for persons desiring a practical command of the language.

115-116. The Teaching of Spanish. Two credit hours. The year. Prerequisite, Spanish 105-106 or be registered for Spanish 105-106 and have the consent of the instructor.

119-120. The Modern Spanish Novel. Three credit hours. The year. This course will be given biennially to alternate with Spanish 121-122. Prerequisite, Spanish 105-106.

***121-122. The Modern Spanish Drama and Poetry.** Three credit hours. The year. This course will be given biennially to alternate with Spanish 119-120. Prerequisite, Spanish 105-106.

123-124. Drama of the Golden Age. Three credit hours. The year. Prerequisite, Spanish 105-106. This course to be given biennially to alternate with Spanish 125-126.

***125-126. Prose of the Golden Age.** Three credit hours. The year. This course will be given biennially to alternate with Spanish 123-124.

***131-132. Survey of Spanish Literature from the Earliest Times to the End of the Nineteenth Century.** Three credit hours. The year. Prerequisite, Spanish 105-106.

SUMMER SESSION—1921

105. Advanced Spanish. Three credit hours. Mr. Hendrix.

111. A Course for Teachers of Spanish. Two credit hours. Mr. Hendrix.

114. Advanced Composition and Conversation. Three credit hours. Mr. Gutierrez.

209. Research in Spanish Literature. Two credit hours. Mr. Hendrix.

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: For admission to all of the following courses the student must have at least two full years of collegiate work, four hours a week, each year. Other prerequisites are stated in the descriptive material for each course.

Students intending to major in Romance Languages are urged to elect the following courses outside the department: History of France (European History 121-122), Introduction to the Study of the History of Language (Greek 141), the History of Philosophy (Philosophy 107-108), the History of Critical Theory (English 205), Roman and Comparative Literature (Latin 111-112), Roman Prose Authors (Latin 121), Roman Poets (Latin 122), and Medieval Latin (Latin 203-204). No student will be considered as a candidate for the M. A. degree unless his program includes at least two courses exclusively for graduates.

The following courses are open only to advanced undergraduates and graduates: French 109, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 135, 136, 137, 138, 139, 140, 141, 142, 145, 146, Italian 105, 106, 107, 108, 119, 120, Spanish 105, 106, 113, 114, 115, 116, 119, 120, 121, 122, 123, 124, 125, 126, 131, 132, graduate courses 201-212, 217-222, 227, 228.

201-202. Introduction to Romance Philology. Two credit hours. The year. Prerequisite, four years of collegiate French and permission of the instructor.

203-204. Old Provencal. One credit hour. The year. Prerequisite, four years of collegiate French.

Study of the language and literature of the Troubadours. Appel's Provenzalische Chrestomathie (Leipzig, 4th edition); Grandgent's Provencal Phonology and Morphology.

***205-206. French Romanticism.** Two credit hours. The year. Prerequisite, three years of collegiate French.

A critical study with lectures, assigned readings, and reports of Chateaubriand, Mme. de Stael, Hugo, Lamartine, Musset, Gautier, Vigny, George Sand, Dumas pere.

207-208. Research in French Literature. Two to five credit hours. The year. Prerequisite, not less than four years of collegiate French and the permission of the instructor in charge.

209-210. Research in Spanish Literature. Two or three credit

*Not given in 1921-1922.

hours. The year. Prerequisite, not less than three years of collegiate Spanish and the permission of the instructor in charge.

These courses are designed to meet the needs of individual graduate students who are pursuing a major study in the Department of Romance Languages.

211-212. Old Spanish. Two credit hours. The year. Prerequisite, not less than three years of collegiate Spanish and the permission of the instructor in charge.

217-218. Seminary in French Literature. Two credit hours. The year. Prerequisite, three years of college French and the permission of the instructor.

Studies in specific literary fields. The subject for 1921-1922 will be "The Realistic and Naturalistic Novel". Study of Balzac, Flaubert, the Goncourt brothers, Daudet, Zola, and Maupassant. Lectures and reports.

***219-220. Old French Literature.** Two credit hours. The year. Prerequisite, French 201-202 and permission of the instructor.

***221-222. The Short Story.** Two credit hours. The year. Prerequisite, three years of collegiate French.

227-228. Seminary in Spanish Literature. Two credit hours. The year. Prerequisite, three years of collegiate Spanish and permission of the instructor.

Studies in specific fields. The subject for 1921-1922 will be "The Chief Dramatists of the 16th Century". The evolution of the Spanish drama in the 16th century will be studied, including such authors as Juan del Encina, Torres Naharro, Lope de Rueda, Diego Sanchez de Badajoz, Juan de la Cueva.

RURAL ECONOMICS

Office, 113 Townshend Hall

PROFESSOR FALCONER, ASSISTANT PROFESSORS ERDMAN AND LANTIS, MR. MORISON

101. Farm Accounting. Two credit hours. Either semester.

102. Farm Cost Accounting. Two credit hours. First semester. Prerequisite, Rural Economics 101 or Rural Economics 103.

103. Farm Management. Four credit hours. First semester. For Juniors and Seniors. Prerequisite, Economics 101.

*Not given in 1921-1922.

104. Agricultural Economics. Three credit hours. Either semester. Three recitations each week. Prerequisite, Economics 101. For Juniors and Seniors. Required of all students who are held for a semester's work in Rural Economics.

110. Rural Community Life. Three credit hours. Either semester. Prerequisite, Economics 101 or Sociology 101.

111. Advanced Farm Management. One credit hour. Second semester. Prerequisite, Rural Economics 103.

113. The Distribution of Farm Products. Three credit hours. First semester. Prerequisite, Economics 101.

114. Land Tenure. Two credit hours. Second semester. Prerequisite, Rural Economics 103-104.

116. Cooperation in Agriculture. Two credit hours. Second semester. Two recitations each week. Prerequisite, Rural Economics 104.

118. Rural Community Development. Two credit hours. Second semester. Two recitations each week. Prerequisites, Economics 101 or Sociology 101 and Rural Economics 104 or its equivalent.

120. Accounting for Country Elevators and Marketing Organizations. Two credit hours. Second semester.

121. Special Problems. Two to four credit hours. Either semester. Prerequisite, at least seven hours of work in the department and the consent of the instructor.

GRADUATE WORK

Prerequisite for Graduate Work: The prerequisite for graduate work in this department is an acceptable course in the principles of economics, and one year's study of farm management and agricultural economics.

The following courses are open only to advanced undergraduates and graduates: 102, 111, 114, 116, 118, 121, 201, 202.

201-202. Research Work. Three to ten credit hours. The year.

SUMMER SESSION—1921

110. Rural Community Life. Three credit hours. Mr. Lantis.

SCHOOL ADMINISTRATION

Office, 100A Hayes Hall

PROFESSORS BROWN AND McCRACKEN

101. Public Education in the United States. Three credit hours. Either semester. Three lectures each week and assigned readings. Required of all students in the College of Education, except teachers in service, who may take 105. Elective to others. Prerequisite, Junior standing.

Credit for both 101 and 105 will not be given.

103. The Administration of Rural Education. Three credit hours. First semester. Three lectures each week, assigned readings, investigations, and reports. Elective. Prerequisite, School Administration 101 or 105 and for graduate credit one year of experience.

104. School Hygiene. Two credit hours. Second semester. Two lectures each week, assigned readings, investigations, and reports. Elective. Prerequisite, School Administration 101 or 105 and for graduate credit one year of experience.

105. Public Education in the United States. Two credit hours. Either semester. Two lectures each week and assigned readings. Open to teachers, supervisors, principals, and superintendents in active service, subject to the approval of the instructor in charge. Required of all such enrolled in the College of Education who do not take 101. Elective to all such if enrolled in other colleges. Prerequisite, Junior standing.

Credit for both 101 and 105 will not be given.

(This course is an abridgment of School Administration 101 and will be offered Saturdays or evenings.)

111. The Administration of Secondary Schools. Three credit hours. First semester. Three lectures each week, assigned readings, and reports. Elective. Prerequisite, Junior standing and for graduate credit one year of experience in addition to 101 and 105.

Credit for both 111 and 117 will not be given.

112. The Administration of Secondary Schools. Three credit hours. Second semester. Three lectures each week, assigned readings and reports. Elective. Prerequisite, Junior standing and for graduate credit one year of experience in addition to 101 or 105.

Credit for both 112 and 118 will not be given.

113. The Administration of Elementary Schools. Three credit hours. First semester. Three lectures each week, assigned readings, and reports. Elective. Prerequisite, Junior standing and for graduate credit one year of experience in addition to 101 or 105.

Credit for both 113 and 119 will not be given.

114. The Administration of Elementary Schools. Three credit hours. Second semester. Three lectures each week, assigned readings, and reports. Elective. Prerequisite, Junior standing and for graduate credit one year of experience in addition to 101 or 105.

Credit for both 114 and 120 will not be given.

115. Educational Statistics. Two credit hours. First semester. Two lectures each week, assigned readings and problems. Elective. Open to superintendents, principals, and graduates of experience by permission of the instructor in charge.

116. City School Administration. Three credit hours. Second semester. Three lectures each week, assigned readings, investigations, and reports. Elective. Open to Seniors and graduates. Prerequisite, six hours of school administration and for graduate credit one year of experience.

***117. Problems of High School Administration.** Two credit hours. First semester. Two lectures each week, assigned readings, and reports. Elective. Open to superintendents, principals, and teachers in service by permission of the instructor in charge. Prerequisite, School Administration 101 or 105 and for graduate credit one year of experience.

Credit for both 111 and 117 will not be given.

(This course is an abridgment of School Administration 111 and will be offered Saturdays or evenings.)

***118. Problems of High School Administration.** Two credit hours. Second semester. Two lectures each week, assigned readings and reports. Elective. Open to superintendents, principals, and teachers in service by permission of the instructor in charge. Prerequisite, School Administration 101 or 105 and for graduate credit one year of experience.

Credit for both 112 and 118 will not be given.

(This course is an abridgment of School Administration 112 and will be offered Saturdays or evenings.)

*Not given in 1921-1922

119. Problems of Elementary School Administration. Two credit hours. First semester. Two lectures each week, assigned readings, and reports. Elective. Open to superintendents, principals, and teachers in service by permission of the instructor in charge. Prerequisite, School Administration 101 or 105 and for graduate credit one year of experience.

Credit for both 113 and 119 will not be given.

(This course is an abridgment of School Administration 113 and will be offered Saturdays or evenings.)

120. Problems of Elementary School Administration. Two credit hours. Second semester. Two lectures each week, assigned readings, and reports. Elective. Open to superintendents, principals and teachers in service by permission of the instructor in charge. Prerequisite, School Administration 101 or 105 and for graduate credit one year of experience.

Credit for 114 and 120 will not be given.

(This course is an abridgment of School Administration 114 and will be offered Saturdays or evenings.)

122. State School Administration. Three credit hours. Second semester. Three lectures each week, assigned readings, investigations, and reports. Elective. Open to Seniors and graduates. Prerequisite, six hours of school administration and for graduate credit one year of experience.

133-134. The Administration of Higher Education. Three credit hours. The year. Three lectures each week, assigned readings, investigations, and reports. Elective. Open to Seniors and graduates by permission of the instructor in charge. Prerequisite, eight hours of school administration and two years of experience.

135. Vocational Education. Two credit hours. First semester.

GRADUATE WORK

Prerequisite for Graduate Work: Those desiring to do graduate work with School Administration as either a major or minor subject must have not less than one year of satisfactory experience in educational service, in addition to three credit hours in school administration, and six credit hours in either psychology, sociology, economics, philosophy, history of education, or philosophy of education.

The following courses are open only to advanced undergraduates and graduates: 103, 104, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 122, 133, 134, 135, 201, 202.

201. Seminary in School Administration. Two to five credit hours. First semester. Open to superintendents, principals, and teachers of graduate standing by permission of the instructor in charge. Prerequisite, one year of experience and nine hours of school administration.

202. Seminary in School Administration. Two to five credit hours. Second semester. Open to superintendents, principals, and teachers of graduate standing by permission of the instructor in charge. Prerequisite, one year of experience and nine hours of school administration.

SUMMER SESSION—1921

101. Public Education in the United States. Three credit hours. Mr. Brown, Mr. Engleman.

103. The Administration of Rural Education. Three credit hours. Mr. McCracken.

111. The Administration of Secondary Schools. Three credit hours. Mr. Engleman.

112. The Administration of Secondary Schools. Three credit hours. Mr. Stenquist.

113. The Administration of Elementary Schools. Three credit hours. Mr. Ashbaugh.

114. The Administration of Elementary Schools. Three credit hours. Mr. Manahan.

115. Educational Statistics. Two credit hours. Mr. Stenquist.

116. City School Administration. Three credit hours. Mr. Buckingham.

122. State School Administration. Three credit hours. Mr. Ashbaugh.

201. Seminary in School Administration. Two to five credit hours. Mr. Brown, Mr. Buckingham.

202. Seminary in School Administration. Two to five credit hours. Mr. McCracken, Mr. Manahan.

SHOPWORK

Office, 125 Shops Building

PROFESSOR W. A. KNIGHT, MR. BEEM, MR. FOUST, MR. DENMAN, MR. P. L. WRIGHT, MR. H. R. WRIGHT, MR. SENN, AND DEPARTMENT ASSISTANTS

101. Carpentry. Two credit hours. Either semester.

103. Forging. Two credit hours. Either semester.

105. Foundry Work. Two credit hours. Either semester. One recitation and four laboratory hours each week. Mechanical Engineering, second year. Industrial Education, first year.

107. Chipping and Filing. Two credit hours. Either semester. One recitation and four laboratory hours each week. Mechanical Engineering, second year. Ceramic and General Engineering, alternative with Shopwork 109 and 115, Summer Session.

109. Joinery and Pattern-Making. Two credit hours. Either semester. One recitation and four laboratory hours each week. Ceramic and General Engineering, alternative with Shopwork 107 and 115. Chemical, Electrical, Mechanical, and Mine Engineering during the Summer Session at the close of the first year.

111. Advanced Pattern-Making. One credit hour. Either semester. Three laboratory hours each week. Mechanical Engineering, second year. Prerequisite, Shopwork 109.

115. Forging. Two credit hours. Either semester. One recitation and four laboratory hours each week. Ceramic and General Engineering, alternative with Shopwork 107 and 109; Chemical, Electrical, Mechanical, and Mine Engineering during the Summer Session at the close of the first year. Industrial Education, third year.

118. Advanced Forging. Two credit hours. Second semester. Six laboratory hours each week. Elective. Prerequisite, Shopwork 115. Industrial Education, fourth year.

119. Machine Work. Three credit hours. Either semester. One recitation and six laboratory hours each week. Electrical and Mechanical Engineering, second year. Industrial Education, third year.

121. Advanced Machine Work. Three credit hours. Either semester. One recitation and five laboratory hours each week. Mechanical Engineering, third year; Electrical Engineering, second year. Optional, Industrial Education, fourth year. Prerequisite, Shopwork 119.

123. Advanced Machine Work. Two credit hours. First semester. Six laboratory hours each week. Elective. Prerequisite, Shopwork 121.

125. Construction Work. Two credit hours. Either semester. Six laboratory hours each week. Elective. Prerequisite, Shopwork 121.

127. Tool-Making and Jig Work. Three credit hours. Either semester. Elective. Prerequisite, Shopwork 123.

GRADUATE WORK

Prerequisite for Graduate Work: The courses named below are based upon previous engineering courses in mechanics and the materials of construction. As a qualification for major work in research the student must have a baccalaureate degree from an appropriate engineering course.

The following courses are open only to advanced undergraduates and graduates: 201, 202.

201-202. Research Work. Five to ten credit hours. The year. Library, conference, and laboratory work. Research work with special reference to the application of physics, chemistry, metallurgy, and machine design to the problems of the metal-working industries.

SUMMER SESSION—1921

105. Founding. Two credit hours. Mr. Schneider.

107. Metal Bench Work. Two credit hours. Mr. H. R. Wright, Mr. Rickly.

109. Joinery and Pattern-Making. Two credit hours. Mr. Beem, Mr. Denman.

111. Advanced Pattern-Making. Two credit hours. Mr. Beem, Mr. Denman.

115. Forging. Two credit hours. Mr. Foust, Mr. P. L. Wright.

119. Machine Work. Three credit hours. Mr. H. R. Wright, Mr. Rickly.

121. Advanced Machine Work. Three credit hours. Mr. Knight, Mr. H. R. Wright.

SOCIOLOGY

(See Economics and Sociology)

SPANISH

(See Romance Languages and Literatures)

SPECIAL LECTURES

Special Lectures. One credit hour. Second semester. Sixteen didactic hours. Medicine, fourth year.

SURGERY

COLLEGE OF HOMOEOPATHIC MEDICINE

Office, 209 Horticulture Building

PROFESSOR BURRETT, DR. HAWK, DR. KEISER

101. Principles of Surgery. Two credit hours. Second semester. Two lectures each week. Homoeopathic Medicine, second year.

105-106. General Surgery. Two credit hours. The year. Two lectures or recitations each week. Homoeopathic Medicine, third year.

107-108. General Surgery. Two credit hours. The year. Two lectures or recitations each week. Homoeopathic Medicine, fourth year.

109-110. General Operative Surgery. Two credit hours. The year. Homoeopathic Medicine, fourth year. Two operative clinics and six dispensary clinics, the class being divided into sections.

111-112. Clinical Surgery. One credit hour. The year. One lecture each week. Homoeopathic Medicine, third and fourth years.

130. Surgical Technique. Time to be arranged. No credit. Offered in the College of Homoeopathic Medicine to graduates in Medicine wishing to do special work in surgery.

COLLEGE OF MEDICINE

Office, 710 North Park Street

PROFESSOR WARDLOW, ASSISTANT PROFESSORS DODD, HARRIS, BIGELOW, HAMILTON, FLETCHER, AND STEINFELD, DR. ZARTMAN, DR. BALDWIN, DR. J. W. MEANS, DR. H. J. MEANS, DR. LUDWIG, DR. REEL, DR. STIFFEY

101-102. General Surgery. Five credit hours. The year. Four hours recitation and quiz, three hours conference clinics. One hundred and twenty-eight class hours, 96 clinic hours; total 224 hours. Medicine, third year. Prerequisite, Anatomy 127, 3 hours.

104. Minor Surgery. Two credit hours. First semester. Two lectures each week. Total 32 hours. Medicine, second year.

106. Gynecology. Two credit hours. Second semester. Two lectures or recitations each week. Total 32 hours. Medicine, third year.

111. Operative Surgery. One credit hour. First semester. Forty-eight laboratory hours. Medicine, fourth year. Open to groups of six students.

116. Orthopedic Surgery. One credit hour. First semester. One lecture each week. Total 16 hours. Medicine, fourth year.

117-118. Industrial Surgery. Two to five credit hours. The year. Two lectures or conferences each week. Elective in College of Medicine. Prerequisite, Surgery 101-102 and all of the required courses in the fourth year in Medicine, which courses may be taken concurrently.

119. Roentgenology. One or two credit hours. Either semester. Elective.

127-128. Conference Clinics. One credit hour. The year. Two periods each week. Total 96 hours. Medicine, fourth year.

HOSPITAL

SURGERY: DR. WARDLOW, DR. DODD, DR. HARRIS, DR. FLETCHER, DR. STEINFELD, DR. BIGELOW, DR. HAMILTON, DR. SHEPARD, DR. MEANS, DR. ZARTMAN, DR. LUDWIG. **SURGICAL SPECIALTIES:** DR. BROWN, DR. TIMBERMAN, DR. PROUT, DR. BEATTY, DR. CLARK, DR. HAUER, DR. SCHAEFFER

101-102. Hospital Ward Clinics in Surgery and Specialties. Two credit hours. The year. Total 192 hours. Medicine, fourth year.

SURVEY OF AGRICULTURE

PROFESSOR VIVIAN

Survey of Agriculture. One credit hour. First semester.

A general discussion of the field of agricultural education as exemplified by the various curricula of the College of Agriculture. The course is intended primarily to assist the student in selecting his courses for the succeeding years.

SURVEY OF EDUCATION

THE DEAN OF THE COLLEGE OF EDUCATION

Introductory Survey of Education. One credit hour. First semester. Required of all students in the College of Education in either the first or second year. The Dean.

An introductory survey of education as a separate field to acquaint the student with past and present trends in education, with educational experiments and literature, and with the opportunities and difficulties in teaching as a profession.

VETERINARY MEDICINE

Office, 103 Veterinary Laboratory Building

PROFESSORS WHITE, SISSON, BRUMLEY, GOSS, GROSSMAN, AND SNOOK, ASSISTANT PROFESSORS SHOEMAKER AND HOBBS, DR. REBRASSIER, DR. HENDERSHOTT, AND DEPARTMENT ASSISTANTS

101. Osteology and Arthrology. Five credit hours. First semester. Three quiz hours and four laboratory hours each week. First year.

102. Myology and Splanchnology. Seven credit hours. Second semester. Three quiz hours and twelve laboratory hours each week. First year.

105. General Pathology. Five credit hours. First semester. Lectures and recitations. Third year.

107-108. Materia Medica and Therapeutics. Three credit hours, first semester. Four credit hours, second semester. Lectures and laboratory work. Second year.

109. Horseshoeing. Three credit hours. Second semester. Third year.

111. Obstetrics. Three credit hours. Second semester. Lectures and demonstrations. Fourth year.

115. Diseases of Small Animals. Five credit hours. First semester. Third year.

119-118. Medical and Surgical Clinics. Three credit hours. The year. Third year.

120. General Surgery. Three credit hours. First semester. Third year.

121. Operative Practice. One credit hour. First semester. Fourth year. Elective.

122. Meat Inspection. Three credit hours. First semester. Three lectures each week. Fourth year. Elective.

123-124. Medical and Surgical Clinics. Three credit hours. First semester, fourth year. Second semester, elective.

126. Sporadic Diseases of Large Animals. Five credit hours. Second semester. Third year.

127. Physical Diagnosis. Three credit hours. First semester. Third year.

133-132. Special Surgery. Four credit hours. The year. Fourth year.

134. Applied Anatomy. Two credit hours. First semester. To be arranged. Third year. Elective.

135. Splanchnology. Six credit hours. First semester. Two quiz hours and twelve laboratory hours each week. Second year.

136. Angiology, Neurology, and Topography. Six credit hours. Second semester. Two quiz hours and twelve laboratory hours each week. Second year.

137-138. Pathology. Three credit hours. The year. One lecture and six laboratory hours each week. Fourth year.

140. Pathology. Five credit hours. Second semester. Third year.

142. Laboratory Diagnosis. Two credit hours. Second semester. Third year.

143. Infectious Diseases of Large Animals. Five credit hours. First semester. Fourth year.

144. Hygiene and Sanitation. Three credit hours. Second semester. Fourth year.

151. Agricultural Veterinary Medicine. Three credit hours. First semester.

152. Anatomy of Domestic Animals. Three credit hours. Second semester. Prerequisite, Zoology 102.

GRADUATE WORK

The following courses are open only to advanced undergraduates and graduates: 105, 137, 138, 140, 142, 201, 203, 205, 206.

201. Pathological Technique. Two or five credit hours. Either semester.

203. Special Anatomical Pathology. Five credit hours. Either semester.

205-206. Special Bovine Pathology. Five credit hours. The year.

ZOOLOGY AND ENTOMOLOGY

Office, 101 Botany and Zoology Building

PROFESSORS OSBURN, OSBORN, AND METCALF, ASSOCIATE PROFESSOR HINE, ASSISTANT PROFESSORS BARROWS AND KRECKER, MR. KOSTIR, MR. KENNEDY, MR. WICKLIFF, AND DEPARTMENT ASSISTANTS

ZOOLOGY

101-102. Elementary Zoology. Three credit hours. The year. Lectures and laboratory.

Zoology 101 is given also during the second semester.

115. General Principles of Heredity. Three credit hours. Either semester. Three lectures each week. Elective. Prerequisite, Zoology 101-102 or Botany 101-102 or equivalent.

118. Animal Parasites. Three credit hours. Second semester. Prerequisite, Zoology 101-102 or equivalent.

121-122. Advanced Zoology of Invertebrates. Three credit hours. The year. One lecture and two laboratory periods each week. Elective. Prerequisite, Zoology 101-102 or equivalent.

123. Microtechnic. Two credit hours. First semester. Two laboratory periods each week. Elective. Prerequisite, Zoology 101-102 or equivalent.

124. Animal Tissues. Two credit hours. Second semester. Two laboratory periods each week. Elective. Prerequisite, Zoology 121-122 or equivalent.

129-130. Advanced Studies in Animal Heredity. Three credit hours. The year. Prerequisite, Zoology 115.

131-132. Evolution. Three credit hours. The year. Prerequisite, one year of zoology or an equivalent.

139. Ornithology. Two credit hours. First semester. Prerequisite, one year of biology.

140. Ornithology. Two credit hours. Second semester. Field work. Prerequisite, one year of biology.

141-142. Minor Investigations. Three to five credit hours. The year, or either semester. Prerequisites, Zoology 101-102 and the equivalent of Zoology 121-122, or Entomology 107-108.

145. The Teaching of Zoology. Three credit hours. First semester. Prerequisite, Zoology 101-102.

***153-154. Animal Behavior.** Two to five credit hours. The year. Prerequisite, Zoology 101-102 or equivalent and another year of biology.

159. Animal Ecology. Three credit hours. First semester. One lecture and four hours in the field or laboratory each week. Prerequisite, Zoology 101-102 and one additional year of a biological science.

---

*Not given in 1921-1922.

GRADUATE WORK

Prerequisite for Graduate Work: Students entering upon graduate work in this department must be familiar with the elements of chemistry, physics, and botany, and must have had at least two years of work in zoology, general zoology, and invertebrate morphology. It is desirable, also, that the student should have a reading knowledge of French and German. The department offers good facilities in morphology, genetics, parasitology, animal behavior, and various phases of entomological work.

The following courses are open only to advanced undergraduates and graduates: 124, 129, 130, 141, 142, 153, 154, 159, 201, 202, 223, 224, 241, 242, 247, 248.

201-202. Seminary in Zoology. One credit hour. The year.

223-224. Invertebrate Embryology. Three to five credit hours. The year. Korschelt and Heider used as a basis. Lecture and laboratory. Prerequisite, equivalent of Entomology 137-138 or Zoology 247-248.

241-242. Research Work. Subject to be assigned. Five to ten credit hours. The year.

247-248. Invertebrate Zoology. Five credit hours. The year.

ENTOMOLOGY

107-108. Economic Entomology. Three credit hours. The year. Prerequisite, Zoology 101-102 or equivalent.

112. Apiculture. Three credit hours. Second semester. Elective.

113-114. Advanced Entomology. Four credit hours. The year. Prerequisites, Zoology 101-102 and Entomology 107-108, or equivalent.

(Entomology 113 and 114 are intended as practical courses in entomological research, adapted especially for those who wish to give special attention to this branch, with reference to future work in agriculture or horticulture, and to furnish a preparation for those who have in view work as entomological investigators in experiment stations or as teachers in agricultural schools.)

137-138. Advanced Entomology. Three to five credit hours. The year.

141-142. Minor Investigations. Three to five credit hours. The year, or either semester. Prerequisites, Zoology 101-102 and the equivalent of Zoology 121-122, or Entomology 107-108.

147. Entomological Literature. Two credit hours. First semester. Prerequisites, Zoology 101-102 and Entomology 107-108.

148. Principles of Taxonomy. Two credit hours. Second semester. Prerequisite, Zoology 101-102 and one additional year in entomology or zoology.

***149. Medical and Veterinary Entomology.** Four credit hours. First semester. Prerequisites, Zoology 101-102 and either Zoology 121-122 or Entomology 107-108, or equivalents. Given biennially.

151-152. Insect Control. Three credit hours. The year. Prerequisites, Zoology 101-102 and Entomology 107-108, or equivalent.

155-156. Entomology. Three credit hours. The year. Required in the course in Landscape Architecture.

162. Morphology and Development of Insects. Four credit hours. Second semester. Prerequisites, Zoology 101-102 and Entomology 107-108, or Zoology 121-122 or equivalents.

GRADUATE WORK

The following courses are open only to advanced undergraduates and graduates: 137, 138, 141, 142, 149, 151, 152, 162, 201, 202, 241, 242.

201-202. Seminary in Entomology. One credit hour. The year.

241-242. Research Work. Subject to be assigned. Five to ten credit hours. The year.

SUMMER SESSION—1921

109. Economic Entomology. Three credit hours. Mr. Guyton.

LAKE LABORATORY—1921

108. Entomology. Three credit hours. Mr. Kennedy.

†137-138. Advanced Entomology. Three or six credit hours. Prerequisites, Zoology 101-102, 107-108, or equivalent.

161. Ecology of Freshwater Animals. Three or six credit hours. Prerequisite, Zoology 101-102 or equivalent, and one additional year of biological work. Mr. Krecker.

†163. Embryology. Three credit hours.

165. Ichthyology. Three credit hours. Mr. Osburn.

†166. Ornithology. Three or six credit hours. Prerequisite, Zoology 101-102 and an additional year of biological work.

169. Advanced Zoology of Invertebrates. Three or six credit hours. Prerequisite, Zoology 101-102 or equivalent, and one additional year of biological work. Mr. Williams.

241-242. Research Work. Three to eight credit hours. Prerequisites, Zoology 101-102, 121-122, or equivalent. Mr. Osborn, Mr. Osburn.

*Not given in 1921-1922.

†Not given in 1921.

DEGREES GRANTED

1920-1921

GRADUATE SCHOOL

Dean: WILLIAM MCPHERSON

DOCTOR OF PHILOSOPHY

Guy Woolard Conrey, A. B., A. M. (University of Michigan)

Carlton Edgar Curran, A. B. (Wabash College), M. A.

Carl John Drake, B. Sc., B. Ped. (Baldwin University), M. A. (Heidelburg University)

Ora L. Hoover, A. B. (Manchester College), M. Sc.

Samuel Morris, B. A., M. A.

Charles Ferdinand Rudmann, B. A., M. A.

Lily Bell Sefton, B. Sc. (Denison University), M. Sc.

Alva Wellington Smith, B. A., M. A.

(Eight candidates)

Degree Conferred During the Current Academic Year

Cheh-Yao Chang, B. Sc. (Peking Government University), A. M. (Cornell University)

(One candidate)

MASTER OF ARTS

Ernest Duval Bates, B. Ph. (Scio College)

Robin Charles Burrell, B. S. (Mt. Union College)

Charles Ray Busch, A. B. (Otterbein College)

Karl George Adolph Busch, A. B., B. Sc. (Capital University)

Miles Herbert Cagg, A. B. (Ohio University)

Forest William Clonts, A. B. (Wake Forrest College)

William Everett Conkle, B. Ped. (Ohio Northern University)

Frederick Emory Croxton, B. A.

Bess Virginia Cunningham, B. S. (Toledo University)

Edward Clinton Darnell, B. S. (Ohio Northern University)

Marie Davis, B. Sc. in Edu.

Marie Drennan, B. A. (Ohio Wesleyan University)

Clarence Holmes Growdon, B. S. in Edu. (Ohio University)

Emilie Lorraine Harris, A. B. (Wittenberg College)

Ralph Garling Harshman, B. Sc. in Edu. (Ohio Northern University)

Ruth Loving Higgins, B. A., B. Sc. in Edu.

Walter Senoff Hough, A. B. (Leland Stanford University)

Bertha Ellen Jacobs, B. Sc. in Edu.

Goldie Mae Johnson, B. S. in Edu. (Ohio University)

William Samuel Jones, A. B. (University of West Virginia)

Choon Ho Lee, B. A. (Ohio Wesleyan University)

Lenore McAdams, A. B. (Ohio Northern University)

Mary Florence McCracken, A. B. (The Western College for Women)

Mabel Marie Madden, B. A., B. Sc. in Edu.

Grover Cleveland Morehart, B. A.

Eugenia Lois Moses, B. A.

Jerome Rheinhardt Mueller, A. B. (Miami University)

William Lewis Nash, B. S. in Arch. (University of Texas)

Grover Lewis Orr, A. B. (Capital University)

Suzanne Picard, A. B. (Drury College)

Edna Rickey, A. B., B. S. in Edu. (Ohio University)

Paul Siebert Schoedinger, A. B. (Princeton University)

Thelma Whitney Sealock, A. B. (University of Nebraska)

Irma Ruth Selby, B. Sc. in Edu.

Christian Van Riper, B. A.

Albert Herman Vilbrandt, B. A.

Edna Gwendolyn Virden

Charles White Waters, B. L., B. S. (Berea College)

Edna Marie Willis, A. B. (Oberlin College)

Pauline LeFevre Wyer, A. B. (The Western College for Women)

(Forty candidates)

MASTER OF SCIENCE

Olen Myrl Akey, B. A.

Herman Jesse Bankston, Jr., B. S. (University of Mississippi)

Marjorie Pickard Benoy, B. S. (Denison University)

Oscar Fisher Boyd, B. A., B. Sc. in Agr.

Iva Crofoot Cairns, A. B. (Lake Erie College)

William Hale Charch, A. B. (Miami University)

Edwin Nelson Cole Coolidge, B. A.

Walling Corwin, B. Sc. in Agr.

Ermina Stewart Cox, B. S. (Denison University)

Francis Rees Edwards, B. S. Agr. (University of Florida)
Mark Adin Fuller, B. Sc. in Agr.
Edwin Warren Gordon, Jr., B. S. (Bethany College)
Agnes Howard Grant, B. Sc. in H. Ec.
Fay Erastus Guyton, B. Sc. in Edu.
Fred Arthur Hanawalt, B. S. (Otterbein College)
Edwin Adolphus Hartley, B. S. (Oregon Agricultural College)
Arthur Van Henry, Cer. E.
Carl Paul Hinkle, B. S. (Muskingum College)
Carl Waldo Holl, A. B. (Manchester College)
Harold Shane Holloway, B. S. (Municipal University of Akron)
Lawrence Lester Huber, B. Sc. in Agr.
Uel Stitt Jamison, B. S. (Muskingum College)
Kisaku Kitsuta
Roger Platt Loveland, B. A. (Grinnell College)
Philip Rosemond Lowry, B. Sc. in Agr.
Ira Wilbur Moomaw, A. B. (Manchester College)
Walter Harrison Moran, A. B. (University of West Virginia)
Bryan Augustus Rice, B. Cer. E.
Cecil Orval Riggs, A. B. (University of West Virginia)
Harold Theodore Reiner Ruff, B. Ch. E.
Lawrence Edward Stout, A. B. (DePauw University)
Ernest Lincoln Stover, B. Sc. in For.
Lewis Hanford Tiffany, B. S. (University of Chicago)
Pao Ho Vong, B. Sc. in Pharm.
Alden Raymond Winter, A. B. (University of West Virginia)
Yao-Tuh Yang, B. S. (Government Institute of Technology, Shanghai, China)

(Thirty-six candidates)

MASTER OF SCIENCE IN PUBLIC HEALTH

James Sprigg Wilson, M. D. (University of Virginia)

(One candidate)

Degrees Conferred During the Current Academic Year

MASTER OF ARTS

Hazel Jane Darby, B. A.
Howard Adam Durham, A. B. (Nebraska Wesleyan University)
Andrew Karsten, A. B. (Hope College)
Samuel Landau, B. A.
Lester E. Mitchell, Ph. B. (Denison University)
Rufus Daniel Reed, B. S. (Wilmington College)
Ernest Rey, B. A.

Lendell Charles Ridley, A. B., B. D. (Wilberforce University)
Marion Edna Schlesinger, A. B. (Antioch College)
Thomas Emanuel Steckel, B. A. (Indiana State University)
Anna Hitzfield Trisler, B. Sc. (University of Cincinnati)
Christian Russell Wingerd, B. A. (Ohio Northern University)

(Twelve candidates)

MASTER OF SCIENCE

Calvin Adam Buehler, B. Ch. E.
Joe Topping Parsons, B. A.

(Two candidates)

COLLEGE OF AGRICULTURE

Dean: ALFRED VIVIAN

BACHELOR OF SCIENCE IN AGRICULTURE

Floyd E. Agler
Kofoid Marsh Allen
Talbott Vincent Armstrong
Donald Dewey Balliet
Everett Burdell Barker
Nelson Clifford Beem
Harry William Booher
Frank Raymond Bookmyer
Byron Rodney Bricker
John Arthur Caldwell
Barton Campbell
Lester Leon Campbell
Loren Dennis Carey
Ernest Leslie Chambers
Charles George Clark, Jr.
Vance Clever
Russel Robert Clymer
Charles Frederick Condon
Joseph Peter Cornell
Floyd Hamilton Crane
Paul William Cromley
Roy Gould Cullen
Paul Matthew Cunningham, B. A. (Muskingum College)
Verl Clarence Decker
Earl Anthony Dellefield
Harold Graydon Doster
Frederic DeWitt Echelberry
Elmore King Edwards
Stanley Evans
George Grover Everhart
Lynn Wallace Finley
Russell Peter Thomas Finneran
Herbert William Frank
Charles Henry Fravel
Arthur Perkins French
Harold Carter Frey
George Bradley Ganyard
Herbert Louis Gartner
Guy Lee Geiger
Robert Howard Hall
Edward Bentley Harmon
Frank Glenn Haskins

Alfred Merle Hedge
Philip Eberhardt Heim
Louis Israel Helfand, V. M. D. (University of Pennsylvania)
William Lewis Henning
William Broaddus Herbert
David Thomas Herrman
Truman Edward Hienton
Louis Phillips Hine
Harold Raymond Hukill
Sylvester Sherman Humphrey
Virgil Odell Hutchison
Truman Riggs Ingels
Chester Montgomery Jenkins
Merritt Emerson Jones
Samuel Albert Jones
Russell George Justice
Max Leo Kasselman
Cary Victor Kendall
Robert David Kennedy
Roland Nelson Kennedy
William Eugene Keyser
Walter Harris Kinsey, B. Sc. (Muskingum College)
Kisaku Kitsuta
Homer Jesse Kline
John Harvey Knox
William James Lewis
Everett Raymond Lindsey
Frank Loehnert
Jay R. McAnall
John Barnhart McClelland
Neal Alexander McCoy
William Foster McKinnon
Charles David McMillin
Ford Martin McQuilkin
Harry Malter
Lester Bleil Mayer
Marion Thomas Meyers
William Stewart Mitchell
Clarence Flavel Moses
Alfred Lewis Mylander
George Clarendon Nelson
Andrew James Nemecek
Arthur Harold Neu
Charles Nussbaum
William Franklin Patten
Fred William Penfound
John Andrew Pontius
George Allan Poston
John Worthington Price
Ernest Howard Reed
Joseph Charles Regelsburger
Roy Ralph Rudel
Glenn Frenzo Rupert
Morris Brown Sanford
Mitsugi Satow
George Webber Schrider
Harry Foster Scott
Harris Clay Sharp
Howard Raymond Smith
Robert Wesley Spear
Dewey Dee Stacey
Dewey George Steele, B. A. (Muskingum College)
David Octavus Stough
Raymond Kenneth Strow
Bruce Swanson
Marshall Carlton Tribby
George Eliott Trisler
Harold Preston Twitchell
Claude Ray Underwood
Raymond Samuel Virtue
Richard Hamilton Watt
Frederick Mowery Weaver
Herman Henry Wenzke
Robert Herman Wieche
Merritt Arthur Wight
Charles Henry Wikoff

Ebbe Jensen Wind
David Grant Wing
Egeva Blossom Wiseman
Charles Gerald Wissinger
Herbert Condon Wright
Hubert William Yount
Young Sun Yun
Howard Adolph Zollinger

(One hundred and twenty-six candidates)

BACHELOR OF SCIENCE IN HOME ECONOMICS

Eugenia Bending
Florence Marie Bick
Frances Helen Broverman
Orpha Elizabeth Brown
Nina May Coleman
Wilma Susanna Creamer
Daisie Chloe Cunningham
Helen Alice Davison
Esther Marie Dempsey
Esther Anna Early
Merab Perry Easton
Georgiana Elliott
Rachel Becker Erskine
Ruth Floto
Kathryn Margaret Gorrell
Naomi Katherine Gorrell
Eleanor Brown Hammond
Clara Haskins
Marie Louise Haueisen
Hannah Isabel Hedge
Jane Snow Hinkley
Nellie Amanda Hook
Marian Florence Hutson
Millicent Johnson
Lucille Wilshire Keynes
Lucinda Christiana Kirchner
Marie Caroline Krause
Hortense Irene Kruckman
Dorothea M. Lemert
Helen Longman
Dee Maier
Ruth Miller
Fanny Marie Mills
Ruth Edith Philbrook
Lucile Pugh
Mabelle Raber
Gladys Lura Recob
Celestine Sharp
Helen Catherine Skeele
Edith Mildred Slabaugh
Mildred Rebecca Smith
Helen Emma Sommer
Gertrude Elizabeth Spence
Elsie Elizabeth Steward
Helen A. Studebaker
Lillie Swanson
Sarah Marie Swerer
Aletha Grace Todd
Lucile Eva Wildermuth
Marjory Elmira Williard
Rosalie Lucile Wolfe
Marvel Amanda Woodrow
Anna Katherine Young

(Fifty-three candidates)

Degrees Conferred During the Current Academic Year

BACHELOR OF SCIENCE IN AGRICULTURE

AS OF THE CLASS OF 1920

Sigmund Lewin
Dwight Van Dorn Peabody

Alfred Earl Shanklin
James Thomas Walker
Wallace Templeton Ryan

(Five candidates)

COLLEGE OF ARTS, PHILOSOPHY, AND SCIENCE

Dean: JOSEPH VILLIERS DENNEY

BACHELOR OF ARTS

Ernest Abram
Glenn Howey Alexander
Charles Parker Alkire
Hubert Menno Amstutz
Naomi Hildebrandt Avey
Bethel Beatrice Bailey
Margaret Adelaide Bambach
Harold Conrad Bartel
Coryne Basch
John William Bebout
Donald Milmoe Behling
Charles Hetrick Bell
Frederick James Bell
Marjorie Lysle Bennett
May Aungst Blanchard
Israel Park Blauser
Chester Ittner Bliss
Charles Kingsley Bradley
Francis Eliza Brandt
Mildred Allegra Breyley
Elizabeth Adella Brightman
Ray Brown
Genevieve Lillian Bryant
Paul Herman Buck
Ord William Burkholder, B. Ped. (Tri-State College)
Vernon Doyle Campbell
Eugene Grove Carpenter
Ruth Millicent Carpenter
Violet Margaret Carter
Sing Wee Chang
Alex Cohn
Marion W. Coleman
Joseph Colla
George Cone
Ann Cook
Paul Tillson Copp
Wilby Stuyvesant Cowan
Arthur Ernest Cowley
Margie Jane Coyle
William Peter Coyle
Frances Marguerite Creamer
John Adolphus Creps
Marian Lucretia Cross
Emil Joseph Crown
Eva May Culp
Margaret Louise Cumberland
Clifford Reginald Cutright
Virgil Green Damon
Drew Lodwick Davies
Inez Smith Davis
John Day
Thomas Hawkes Denney
Wilbur Kirk Deselm
Rodger Henry Doerzbach
Caroline Frances Hoffman Donohoe
James Lester Doran
Lewis Edwin Dougherty
Frances Catherine Drake
Yetta Nettie Duga
Rollin Ray Durant
Frank Carroll Easton
Clara Louise Ebinger

Helen Marie Elliff
Isadore Morris Epstein
Paul Randolph Farnsworth
Harry Emmet Fast
Lela Ferrall
Roswell Schiedt Fidler
Leonore Dorothy Fischer
Lucille Isabelle Fischer
Jessie Boggs Flanders
Katherine Helen Focke
Margaret Helen Foster
Frank Chauncey Frailie
Markley Frankham (As of the Class of 1920)
Janet French
Marian Elizabeth Fritz
Eloise Fromme
Grace Anna Fudge
Anthony George
Maurice Bushnell Gillespie
Nelson Dale Ginther
Samuel Goldstein
Arthur Paul Gossard
Chester Frederick Griebling
Albert James Griffith
Robert Stewart Hanson
John Ambrose Harbourt
Elizabeth Harm
Eugenia Harrison
Edith Pauline Heer
Adelaide Coapman Hibbard
Julia Margaret Hicks
Catherine LeVon Higgins
Winifred Pellett Hines
Josephine Cecelia Hirsch
George Preston Hoff
Marie Salina Hoffmann
Josephine Avery Horn
Clarence Alfred Horton
Isabel Larry Howard
Virginia Elizabeth Hoyman
Eudora Huffman
Charlotte Louise Walch Irwin
Erma Cecelia Jeffries
Adelyn Byrd Johnston
Robert Joseph Kane
Edwin Michael Kaylor
Frieda Annetta Kiefer
Lucinda Christiana Kirchner
Helen Klinger
Florence Marjorie Knapp
Bertie Couch Koch
Cyrus Ernest Kruse
Carney Landis
Charles Franklin Lee
Clarence Esten Leonard
Harry Keen Linzell
William McKinney Locke
James Ferdinand Logsdon
Emerson William Long
Martha Grant Lord
Reta Barbee McCormick
Carl Henry McMillan
Helen Marie McVicker
Winnifred Holmes MacFadyen
Lucille Josephine Manney
Rose Helen Martens
Charlotte Ann Martin
Alberta Louise Matson
Bernard Sandler Meyer
Elbert Lowell Mikesell
Marion Tamar Millikin
Marion Morrey
Dale Crawford Nisonger
Howard Daniel Nolan
Lawrence Doyle O'Donnell
Rosa Bickham Ott
Thelma Marie Paquette
Robert Creath Parker

Margaret Alexander Heinlein Perry (As of the Class of 1918)
Paul Willard Pheley
Mary Louise Pittenger
William Glover Porter
Ellis Robert Portz
Marion Adelaide Proctor
Dorothy Ethel Rambar
Dorothy Frances Browne Reese
Mary Elizabeth Reynolds
Vernon Kilburn Richards
Neill Rife
Marian Howells Robertson
Donald Edwin Robinson
Ruth Alice Robishaw
Ralph David Roehm
Dorothy Lida Root
Geraldine Hope Roush
Lillie Marie Sanders
Ruth Lois Anne Santley
Helen Emma Sartain
Naomi Angeline Saviers
Martha Alviena Schlingman
Paul Wise Schoner
Garnett Catherine Seaman (As of the Class of 1920)
Jackson Searles
Hubert Emerson Shafer
Thelma Fern Sharp
Eleanor Ruth Shaw
John Watters Shaw
Vernon Opal Shelhamer
Samuel Shenker
Raphael Joseph Shouvlin
Roscoe Webster Shumaker
William Lawrence Shuman
George Henry Siebert
Harry Harman Siegel
Lois Fein Skeel
Lillian Clara Smith
Margaret Theora Snider
Marjorie Ruth Stanley
Margaret Stemler
Clara Ermel Stevens
Edna Rose Stevenson
Mary Brunetta Stevenson
Ulma Harriet Stewart
Nona Carroll Stimmel
Ralph Humphreys Stimson
Neil Francis Stull
Edward Lloyd Sudlow
Kathryn Agnes Sweeney
Lucetta Carolina Tanner
Wah Ding Thom
Mary Elizabeth Thompson
Arian Revelle Thorley
Hazel Birdells Thrush
Raymond H. Treffinger
Maurice Shearer Tressler
Harlan Wilson Venrick
Edward Lawrence Voke
Clara Catharine Volk
Irene Ruth vonBerge
Donald Owen Wagner
Raleigh Pearl Ward
Marian Cecelia Wean
John Merrill Weed
Margaret Welch
Kenneth West
Kathryne Virginia Wetzel
Florence Lucille Whitacre
Nancy Ruth Whiting
Helen Landman Wikoff
Donald Eben Wilson
Henry Loudon Wilson
John Wilfred Winn, Jr.
Margaret Lucy Wood
Amy Lucille Wright

(Two hundred and sixteen candidates)

BACHELOR OF SCIENCE

Luther William Adams
Knowlton Emmons Barber
Maynard Ardeen Buck
John Wallace Ferguson
Clarence Cary Fitzpatrick
Emerson Gillespie
John Martin Hiss
Jessie Jasper
Max Kantrovitch
Joseph Kerr McCready
Florence Adrienne Meck
Howard Ross Mitchell
Thomas Eccles Morgan
Hudson Frederick Ross
Byron Grant Shaffer
Thomas Andrew Simons
Harold Leo Stelzer
Donald Stuart Tarbox
Kyle Edward Townsend
William Wendel Weis
John Charles Fremont Wilkinson

(Twenty-one candidates)

BACHELOR OF SCIENCE IN APPLIED OPTICS

Carroll Daniel Gaver, A. B. (Wittenberg College)
Edward Benjamin Snyder

(Two candidates)

Degrees Conferred During the Current Academic Year

BACHELOR OF ARTS

AS OF THE CLASS OF 1911

Martin Nelson Sprague
(One candidate)

AS OF THE CLASS OF 1914

Paul Everett Jewel
(One candidate)

AS OF THE CLASS OF 1916

Eben Hoyt Jones, LL. B.
(One candidate)

AS OF THE CLASS OF 1920

Olen Myrl Akey
Clarence Earl Bailey
Eda Mae Bolen, B. Sc. in Edu.
Dorothy Marie Bolin, B. Sc. in Edu.
Reo Don Burgoon
Ina Robinson Doyle
Arthur Gluck
Charlotte Nina Howell
Margaret Hannah Koehler, B. Sc. in Edu.
Donald John Leidigh

Cyril John Maple
Elmer Leroy Nuhfer
Lavilla Phares, B. Sc. in Edu.
Elmer Charles Raabe
John Edward Rauschkolb
Paul Frederick Ries
James Edward Scott
Robert Larue Thomas
Edna Esculene Thornhill
Juliann Elizabeth Whitehill
Kenneth Taylor Wood

(Twenty-one candidates)

AS OF THE CLASS OF 1921

Richard Andrew Crawford
Mildred Fisher
Frank Hubert Huffman
Thomas Malone Magruder
Carl Bertram Marquand
Richard Clyde Minor
Laura Margaret Murdaugh
James Gordon Phillips
Marguerite Sisson
Rexford Myers Smoot
James Monroe Snider
Edna Grace Vollrath
William Clifford Watson

(Thirteen candidates)

BACHELOR OF SCIENCE

AS OF THE CLASS OF 1919

James Walter Boger
Edith Marie Offerman

(Two candidates)

AS OF THE CLASS OF 1920

Wilbur Lee Ashton
Ward McGovern Athey
Carey Basil Parker
James Charles Pecl

(Four candidates)

COLLEGE OF COMMERCE AND JOURNALISM

Dean: JAMES E. HAGERTY

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

William Jennings Abbott
Wesley Light Ackerman
Clinton Ethan Allen
Earle Parker Archer
Fred VanBuskirk Bailey
Herbert Glick Baum
Paul Edgar Bean
Frederick James Bell
John James Bennett
Kenna Jacob Boeshaar
Lawrence Coleman Bonner
John Barton Braddock
Maltbie Sherwood Brown
Albert Gallatin Byers
John Leslie Carlson
William Morton Curphey

Dwight Denver Defenbaugh
Kenneth Frank Dickerson
John Moses Dickey
Oliver Alfred Donnenwirth
Ellis Terrill Early
Jacob Elberfeld
Earl Donald Euans
Elihu Evenchick
George Raymond Fenner
Merrill Edwards Fortney
Dwight DeWitt Gardner
Henry Christian Gerber
Lawrence Arthur Gilliland
Harold Emerson Gingher
Clyde LeRoy Hardin
Karl Sherer Hay
Robert Raley Hays
Herbert Raymond Henderson
Vernon Parker Hine
Russell L. Hoghe
Donald Jacob Hoskins
Harold George Houk
Donald Raymond Hubler
Ernest Yuvon Johnson
Arthur Willard Jones
Leland Abraham Kegerreis
George Boyd Kirk
Riechmann P. Knell
Clyde James Lamb
Gail Trovinger Landrum
Charles Lewis Lea
Willard Livingston
Robert Clokey Mason
Clarence Ambrose Metzger
Melvin Edward Moffitt
Theodore Garth Mohney
John Frederick Nitschke, Jr.
Waltz William Norris
Harold Gilmore Paul
Ralph Christian Raabe
Rodney William Ross
Paul Routsong
Walter Parsons Sapp
Charles Alan Shepherst
Daniel Martin Shonting
William Henry Siegwarth
Carl Lewis Smith
Frank Rady Somers
George Washington Starr
Charles Amer Suter, Jr.
Newton Arthur Thatcher
Don Randall Thomas
Gertrude Tracht
John Carleton Tubbs
Ralph Milton Vosburgh
Edward Stephenson Wagoner
Sterling Wentworth Ward
Lawrence Edward Warren
Howard H. Webster
Frank Reeves Willaman
Rodney Wolfe Willits
Harold Alexander Wiper

(Seventy-eight candidates)

BACHELOR OF SCIENCE IN JOURNALISM

Wilbert John Bach
Margaret Adelaide Bambach
Ruth Suzanne Busby
Herbert Byer
Maxine Davis
Helen Marie Elliff
Margaret Helena Fowler
Anne Louise Gale
Ralph David Gettinger
Charles Seffner Nelson
Maurice Alexander Schapiro

Delmar George Starkey
Bess Alice Willis

(Thirteen candidates)

BACHELOR OF SCIENCE IN PUBLIC SERVICE

Grace Edgar Finnie

(One candidate)

BACHELOR OF SCIENCE IN SOCIAL SERVICE

Helen Catharine Bachman
Milford Jennings Cofer
Amy DeEtte Dunn
Henrietta Baum Hassel
Leah Estelle Kight
Mary Cornelia Lawrence
Kathleen Lenore McKinnon
Narcia Lillian Morgan
Mildred Newbrough
Alice Rose Redfern
Fannie Marie Swartz

(Eleven candidates)

Degrees Conferred During the Current Academic Year

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

AS OF THE CLASS OF 1920

Alfred Alexander
Edwin William Bringardner
Harry Gilbert Call
August Francis Grener
Bryan Parr
Henry Fred Vanderlip

(Six candidates)

AS OF THE CLASS OF 1921

S. L. Cheney
Clyde Hobart Fisher
Edward Trumbo Layport
Ralph Harrington Smart
Clarence Peters Wilcox
Harry Evert Young

(Six candidates)

COLLEGE OF DENTISTRY

Dean: HARRY M. SEMANS

DOCTOR OF DENTAL SURGERY

Webster Myles Baker
Kenneth Edward Buhr
Otto Sinclair Carter
Hubert Thomas Derivan, Jr.
Paul Kenneth Dingledine
Robert John Hammerstrand
Robert Lord Hamill
Ralph Waldo Helms
Walter Augustus Leas
Raymond Wesley Long
John Gilbert Love
Glenzie Micah Morris, B. A (Berea College)
John Wesley Newbold
Howard King Porter
Donald Counselman Stem
Donald Herman Volzer
Walter Earl Wright

(Seventeen candidates)

Degrees Conferred During the Current Academic Year

DOCTOR OF DENTAL SURGERY

AS OF THE CLASS OF 1918

Hugh Herrick Tremper
(One candidate)

AS OF THE CLASS OF 1920

Vancil Roy Branfield
(One candidate)

COLLEGE OF EDUCATION

Dean: GEORGE FREDERICK ARPS

BACHELOR OF SCIENCE IN EDUCATION

Hubert Menno Amstutz
Bernice Frances Ashbrook
Pauline E. Baker
Florence Lois Bayha
Ethel Mae Beard
Mary Louise Beck
Marjorie Lysle Bennett
Eunice Elizabeth Bickel, B. A.
Lois Marguerite Blayney
Alice Mary Brooks
Carolyn Aloyse Brown
Marguerite Buchanan
Geraldine Anne Burkley
Pauline Burkley
Sing Wee Chang
Blanche Elizabeth Clouse
Nora Belle Cowey
Annabelle Cryder
Kathleen Kinney Davis
Ruth Marie Dissinger
Leland Nathan Drake
Martha Louise Dunkel
Margaret Elizabeth Ewers
Marion Gladys Fields
Iris Finch
Wilbur Cat Fish
Mary Ellen Fitzgerald
Jessie Boggs Flanders
Katherine Helen Focke
Edith Leola Frederick
Eloise Fromme
Cecelia Mary Gilday
Grace Althea Golladay
Elizabeth Harm
Margaret Mary Hartley
Helen Esther Heinig
Catherine LeVon Higgins
Rachel High
Josephine Cecelia Hirsch
Josephine Avery Horn
Eudora Huffman
Ruth Elizabeth Joyce
Alma Adella Keeler
Aisley Litchfield Lindsay
Helen Robey Lumley
Reta Barbee McCormick
Chloie Daugherty McGlinchay
Nancy Ruth Whiting McRoberts
Mary Catherine Maloney
Martin Matheny Mansperger

Mary Brewster Marcy
Alberta Louise Matson
Mary Ann Miesse
Iloene Luttrell Miller
Emmagene Selby Morgan
Marie Lucile Mulzer
Lovina Ella Newlun
Geraldine Oliver
Fern Kathryn Olmstead
Ceferino Purisima, A. B. (University of the Philippines)
Clara Raynor-Ranck, B. A.
Gladys Lura Recob
Florence Elizabeth Reelhorn
Dorothy Frances Browne Reese
Mary Florence Richards
Eloise Richardson
Lillie Marie Sanders
Helen Emma Sartain
Norris Franz Schneider
Vera Grace Shadrack
Grace Mae Slater
Lillian Clara Smith
Lillian Marie Spengler
Madge Wintringer Sturgeon
Mary Elizabeth Thompson
Hazel Birdells Thrush
Edna Gwendolyn Virden
Pauline Francina Walker
Zura Milton Walter
Velma Ann Watson
Ellen Katharine Weaver
Fannie Eleanor Weber
Margaret Lucy Wood
Mary Ethel York

(Eighty-four candidates)

Degrees Conferred During the Current Academic Year

BACHELOR OF SCIENCE IN EDUCATION

AS OF THE CLASS OF 1918

Sarah Holmes

(One candidate)

AS OF THE CLASS OF 1920

Mary Waddell Baker
Agnes Rose Bresnahan
Aleta Fern DeHaven
Clara E. Earnest
Gladys Fish
Fay Erastus Guyton
Edna Bernice Hatton
Florence Ethel Heyde, B. A., M. A.
Ruth Clawson Ice
Clifton Merrill Layton
Hermenegildo Masso
George Henry Parrot
Lavilla Phares
Eliza Evelyn Richards
Mildred Miriam Schauweker
Giorgia Hixson Wells
Clara Louise Wolf
Charlotte Wolgamot

(Eighteen candidates)

COLLEGE OF ENGINEERING

Dean: EMBURY A. HITCHCOCK

BACHELOR OF ARCHITECTURE

George Edmund Bulford
Mary Lucile Church, B. A.
Arthur Francis Deam
Alfred John Friday
Vennard Pier Killian
Howard Edward Letson
Frederick Alexander Lewis
Raymond Albert Sites
Dana Remington Westerman

(Nine candidates)

BACHELOR OF ARCHITECTURAL ENGINEERING

Hugh MacMahon Brooks
Nathan Elliott Gallin
John Franklin Kennedy
William Elmer Linch
William Clarence Rardin
Walter Andrews Taylor
Max Kenneth Teach
George Walter Wegner

(Eight candidates)

BACHELOR OF CERAMIC ENGINEERING

Paul Stanton Bachman
John Litster Carruthers
Hobart McKinley Kraner
Albert James McRoberts
Robert Vernon Miller
Edwin Marcus Rupp

(Six candidates)

BACHELOR OF CHEMICAL ENGINEERING

Edwin Hayes Adkins
Thomas Patrick Annan
Harold William Baque
Donald Bane Brooks
Chester Harold Case
Homer Leslie Cupples
Bernard Francis Flood
Fred Andrew Ford
George Osborn Foster
William Keith Gilkey
William Green
Clarence John Hassler
Rand Pretsch Hollenback
Harry Keen Linzell
William Aaron Lotze
Henry John Schulte
Kao Shen
Cecil Orrin Teichert
John Edward Wiss
Donald Miller Worley
George John Wrasmann

(Twenty-one candidates)

BACHELOR OF CIVIL ENGINEERING

William Milton Beeghly
Darwin Grant Brown
Frank Howard Brown
George Douglas Brush
Robert Winn Byrns
Sylvester Bryce Creamer

Charles Leroy Deam
Oakes Colegrove Duduit
Ernest Linn Evans
Ralph Schirner Fallon
Sanders Frye
Arthur John Hill
George Winwood Holman
Walter David Krause
Alphus Leo Leach
Frank Wigton Loren
Thomas Maurice Moore
Clair Rutherford Oberst
John Macklem Perkins
Donal Bruksieker Pheley
Frederick Atlee Reidenbach
Faustino G. Salvador
George Dewey Scheuneman
Edward Blake Sharp
Paul Adolph Sieverling
Herbert Waedel Taylor
Orestes Demetrios Theocharides
Robert Harvey Tittle

(Twenty-eight candidates)

CIVIL ENGINEER

Charles Addison Miller (As of the Class of 1907)

(One candidate)

BACHELOR OF ELECTRICAL ENGINEERING

Frederic Manning Bosworth
Clair Russel Bowersox
Earl Bert Candell
John Beyl Copenhefer
Philip William Cross
Dale Wright Dean
Dan Edward Derringer
Rayner Delmar Eyler
Walter Edgar Fouts
Ralph Hoover Frankenberg
Eitel J. Friedrich
Clarence Bruce Hathaway
Vernon Frederick Headapohl
Spencer Shipley Hunt
Glover Thomas Keen
Clarence Phillip Kennedy
Emerson Edward Kimberly
Edward Herman Lamberger
George Gideon Landis
Charles Franklin Lee
Alfred McDonald Lichti
Harry Abel Lott
Emmet Aldis Monegan
Ronald Vernon Morgenstern
Herbert Samuel Nonneman
Jaro J. Panek
Fred Homer Pumphrey, B. A.
Norman Dyke Russell
James Yeoman Smith
William Raymond Swoish
Frank Aldrich Teach
Van Bauman Teach, B. A.
Laurence Harold Waldrip
Harley Munhall Ward

(Thirty-four candidates)

BACHELOR OF ENGINEERING

Cecil Everette Corbin
John Edward Fick
Alvin Cyrus Hoffman
Daniel Ira Mayne
Guy John Morgan
Wayne Randall Rittenhouse
George Schneider

Hoyt Southwick Scott
Walter Ford Spear
John Waldron, Jr.
Po Sum Yen

(Eleven candidates)

BACHELOR OF MECHANICAL ENGINEERING

Russell Kaye Annis
Richard Marvin Batch
Paul Bauer
William James Blair
William Elmore Bohlender
Alfred William Chandler
Eugene Field Dawson
Walter Nehemiah Engler
Paul Duis Flehr
Clyde Cleo Harpster
John Oscar Harshman, B. S. (Ohio Wesleyan University)
Delbert Will Henderson
Walter Homan
Frederick Fletcher Jaeger
Bertram Albert Jochen
Raleigh Lane Jones
Joseph Edward Keller
Jacob Jerome Kessler
Walter Jesse Klepinger
Harry Meredith Lee
Ben B. Lezin
Lyman Arthur Markel
Roscoe Irvin Markey
Stanley Wallace Mawer
Harold Parks Medley
Frank Raymond Middaugh
Ezra Karlon Nicholson
Latour Oscar Ott
Harry Franklin Owry
Selsor Sennett Parker
Oscar DeWitt Rickly
Paul Leonard Schneider
Frederick William Seybold
Blake Perry Sherman
Charles Weston Stevens
Elbert Durbin St. John
Harold Alfred Stone
Ralph Leonard Strong
Howard Randolph Underwood
Ellsworth Christian Wagner
Siebert Frederick Whitesel
Hubert Charles Woodbury
Carl Julius Ziegfeld

(Forty-three candidates)

BACHELOR OF METALLURGICAL ENGINEERING

Leland Calvin Biery
Erwin Hayes Mebs
Thurston Woolever Shook
Louis Elmer St. Andrews
Robert Charles Zehm

(Five candidates)

BACHELOR OF ENGINEERING IN MINING

James Yuen Chan

(One candidate)

Degrees Conferred During the Current Academic Year

AS OF THE CLASS OF 1920

BACHELOR OF CIVIL ENGINEERING

Harold Blake
Ralph Vincent McKinney

(Two candidates)

BACHELOR OF ELECTRICAL ENGINEERING

Dale Orville Miller

(One candidate)

COLLEGE OF HOMOEOPATHIC MEDICINE

Dean: CLAUDE A. BURRETT

DOCTOR OF MEDICINE

George Russell Aiken
Virgil Green Damon
Paul Dewey Grove
Ralph Waldo Hoffman
Peter Paul Jaglenski
Wilmer Ray Manor
Frank Gay Pettibone
Arthur Wilson Records
Frank Vernon Riche

(Nine candidates)

COLLEGE OF LAW

Dean: JOHN JAY ADAMS

BACHELOR OF LAWS

Matthew Glendale Beeman, B. A.
Cary Weldon Bowers, B. A.
Howard Franklin Heald
Ernest Homer Huston, B. Sc. (Antioch College)
George Elliott Landis
John Dale McNamar
Elbert Searls Morton, B. A. (Dartmouth College)
Wayne Converse Overturf, Ph. B. (Denison University)
Seth Paulin, B. A.
David Aaron Peiros, B. A.
William Glover Porter
Allen Iredell Pretzman
David Wheeler Putnam, B. A.
Raymond Henry Roberts
Frank Franklin Spira
Fred Clifton Vogelsang, B. A.

(Sixteen candidates)

Degrees Conferred During the Current Academic Year

BACHELOR OF LAWS

AS OF THE CLASS OF 1920

Eben Hoyt Jones
(One candidate)

COLLEGE OF MEDICINE

Dean: EUGENE F. MCCAMPBELL

DOCTOR OF MEDICINE

Clarence Adams
Antonio Fuente Banson
Reuben Jacob Boesel, B. A.
James Walter Boger, B. Sc.
Jay Walter Calhoon, B. Sc.
Frank Riley Castleman, B. S. (Colgate University)
Paul Hazlett Charlton, B. A.
Joseph Henry Clouse, B. Sc.
Eva Moya Goddin Cutright, B. S. (University of West Virginia)
DeLoise Hubert Downey, B. Sc. (Oskaloosa College)
John Wallace Ferguson
Ida Elizabeth Fleming, B. Sc.
Verl Zane Garster, B. Sc.
Howard Manning Gilmore, B. A.
Norman Charles Hochwalt, B. A. (St. Mary's College)
Harry Lutz, B. Sc.
Roe Johnson Maier, B. A.
Charles Duane Miller, B. Sc.
Marcus Clement Miller, B. A. (Manchester College)
Edith Marie Offerman, B. Sc.
Carey Basil Parker, B. Sc.
Harry Mast Scott, B. Sc.
Harry Edwin Secrest, B. A. (Ohio University)
Robert Sidney Sloan, B. Sc.
George Vernon Smith, B. Sc.
Frederick Henry Stires, B. Sc.
Vale Derwood Stone, B. A.
Ann Pauline Warfield, B. Sc.
Clifford Robert Weis, B. S. (University of Dayton)
Willis Arthur Whitman, B. Sc.
Howard Haynes Yoakem, B. A.

(Thirty-one candidates)

COLLEGE OF PHARMACY

Acting Dean: CLAIR ALBERT DYE

BACHELOR OF SCIENCE IN PHARMACY

Dean Ezra Bingman
Charles Stewart Case
Dean Martin Corbett
Harriet Louise Durand
Jay Lewis Failer
George R. Feltman

Allan Richard Forsyth
Crystal Dell Frankenberg
Violet Orr Frankenberg
Lawrence S. Gormley
Walter Glenn Huffman
Theodore Lawrence Klecker
Charles Jennings Mick
Edith Marie Miller
Daniel Arthur New
William Herman Offenburger

(Sixteen candidates)

COLLEGE OF VETERINARY MEDICINE

Dean: DAVID STUART WHITE

DOCTOR OF VETERINARY MEDICINE

Elmer Alexander Assmann
Leverne Ellsworth Barnes
George Waldo Bond
Jacob Lebowitz Borach
Clarence Joseph Coleman
Joseph Verne Crago
Nevin Samuel Craver
Howard Burtis Davis
James Gooduham Fish, Jr.
Hugo Alfred Fuchs
Morris Harkavy
James Aubrey Lane
Peter McKenzie
Pedro Manalo
Rodolfo Tomas Manalo
Eugene James Moore, B. Sc. (North Carolina State College of Agriculture)
Theodore Earl Nichols
Henry Blount Osborne, B. Sc. (North Carolina State College of Agriculture)
Howard Daniel Osborne
Nicholas Andrews Panayotoff
Solomon Shapera
Thurman Earl Thompson
Mens Thoreson
Marion Hudson Wills

(Twenty-four candidates)

PROFESSIONAL CERTIFICATES

CERTIFICATE IN LAW

Barrett Francis Brown
Jesse Kirk George
Frank Anthony Hunter (As of the Class of 1911)
Walter Albert Orr

(Four candidates)

CERTIFICATE OF PHARMACEUTICAL CHEMIST

George Willard Arensburg
Melvin Lloyd Babb
James Dewey Barnes (As of the Class of 1920)
Hughes Beeler (As of the Class of 1920)
Charles Harold Campbell
Arthur Chamberlain
John Marvin Cornelius
Charlotte Fern Darr
Robert Stanhope Foster
Nathan Golub

Joseph Olney Gorrell
Luther Harold Grushon
Dorothy Elizabeth Hermann
David John Hopkins
Norman Kline Hyatt
Barbara Viola Miller
Otis Joseph Miller
William James Phelan, Jr.
William McKinley Poling
Ernest Philip Reidenbach
Harold Charles Remlinger
Silvanus Kelsey Schlosser
Abe Henry Scott
Earl Clyde Simpson
Robert Dewey Smith
Stella Spira
Florence Elizabeth Wheeler
Serge Sackett White

(Twenty-eight candidates)

Certificates Granted During the Current Academic Year

CERTIFICATE OF PHARMACEUTICAL CHEMIST

AS OF THE CLASS OF 1920

Arlington G. Anderson
Daniel M. Jenkins

(Two candidates)

SUMMARY OF DEGREES

Graduate School	85	
Degrees conferred during year	15	
		100
College of Agriculture	179	
Degrees conferred during year	5	
		184
College of Arts, Philosophy, and Science	239	
Degrees conferred during year	43	
		282
College of Commerce and Journalism	103	
Degrees conferred during year	12	
		115
College of Dentistry	17	
Degrees conferred during year	2	
		19
College of Education	84	
Degrees conferred during year	19	
		103
College of Engineering	167	
Degrees conferred during year	3	
		170
College of Homoeopathic Medicine		9
College of Law (4 certificates) (16 degrees)	20	
During year (1 degree)	1	
		21
College of Medicine		31
College of Pharmacy (28 certificates) (16 degrees)	44	
During year (2 certificates)	2	
		46
College of Veterinary Medicine		24
		1104

Total degrees and certificates conferred on women	299	
Degrees and certificates conferred on women during year	31	
		330
Total degrees and certificates conferred on men	703	
Degrees and certificates conferred on men during year	71	
		774
		1104

REGISTER OF STUDENTS

1920-1921

GRADUATE SCHOOL

Name *Home Address*

Abt, Pauline, A. B. (Ohio Northern University) (S. S. only) .....Ada
Major: Sociology. Minor: Mathematics

Adams, Alma, B. A. (Wittenberg College) (S. S. only).... ..... Springfield
Major: Latin. Minors: Mathematics and French

Akey, Olen Myrl, B. A. .....Wooster
Major: Physics. Minor: Mathematics

Alexander, Ryllis Clair, B. A. .....Columbus
Major: English

Alexander, Thomas Reid, A. B. (Ohio Wesleyan University) ..... Delaware
Major: Sociology. Minor: Economics

Almy, Emory Frederick, B. Sc., M. Sc. (University of Nebraska) .....Greenwood, Nebr.
Major: Agricultural Chemistry. Minors: Chemistry and Bacteriology

Anderson, Donald Benton, B. A., B. Sc. in Edu.....Columbus
Major: Botany

Arnold, Eber J., B. S. (Wilmington College) (S. S. only)... .....Jamestown
Major: School Administration. Minor: Psychology

Auten, Mary, A. B. (Bluffton College).....Rawson
Major: Zoology

Balduf, Emery Winfield, Ph. B. (Heidelberg University) M. A. (University of Chicago) (S. S.) .....Columbus
Major: German. Minor: Philosophy

Balduf, Walter Valentine, B. A. (Ohio Wesleyan University) M. Sc. .....Napoleon
Major: Entomology. Minor: Botany

Ball, Emma Laura, B. A., B. Sc. in Edu. (S. S.).....Columbus
Major: European History

Name *Home Address*

Bankston, Herman Jesse, Jr., B. Sc. (University of Mississippi) .....Edwards, Miss.
Major: Industrial Chemistry. Minor: Physics

Barer, Adelaide Pauline, B. A. (State University of Iowa) .....Iowa City, Iowa
Major: Home Economics. Minor: Sociology

Bash, Stanley Stephens, B. Ph. (Denison University) (S. S. only) .....Utica
Major: Mathematics. Minor: School Administration

Bawden, Arthur Talbot, B. S. (Denison University)...Granville
Major: Chemistry

Beatty, Harry Millard, B. A. (Ohio Wesleyan University) M. A. .....Newark
Major: Mathematics

Beck, Ernest Ray, B. S. (Ohio University) (S. S. only).... .....Junction City
Major: School Administration. Minor: Psychology

Beckman, Theodore N., B. Sc. in Bus. Adm.....Columbus
Major: Economics

Beede, Martha Frances, A. B. (Oberlin College).....Jefferson
Major: English

Beekman, Alice Evelyn, B. A., M. A.....Columbus
Major: Psychology. Minor: English

Beeman, William Edgar, B. Sc. in Edu. (Ohio Northern University) (S. S. only) .....Versailles
Major: School Administration. Minor: Psychology

Beery, George Clement, B. A. (S. S.).....Canal Winchester
Major: English

Behrens, Helen Fayerman, B. Sc. in Edu.....Middletown
Major: Art. Minor: European History

Benedict, Margaret Amelia, A. B. (Wilson College)...Columbus
Major: English

Benoy, Marjorie, B. S. (Denison University).....Mt. Vernon
Major: Agricultural Chemistry. Minor: Chemistry

Berry, Murl Milton, A. B. (Baldwin-Wallace College) (S. S. only) .....Polk
Major: School Administration. Minor:Political Science

Name *Home Address*

Billingsley, G. Harold, B. Sc. in Bus. Adm.....New London

Black, John Paul, B. A. .....Columbus
Major: Economics

Blanchard, Forest Ira, B. A. .....Sidney
Major: Economics

Borst, Harold Lamont, B. S. A. (University of Minnesota) M. S. (University of Minnesota).....Minneapolis, Minn.
Major: Farm Crops

Bowers, Elsworth Vachel, Ph. B. (Otterbein University) (S. S. only) .....Portsmouth
Major: School Administration. Minor: Psychology

Bright, Laura, B. A., B. Sc. in Edu. .....Columbus
Major: English

Briney, Mabel Cranston, B. A. (Miami University) (S. S. only) .....Woodstock
Major: English

Brokau, Lucy Freeman, B. A. (Indiana University) (S. S. only) .....Columbus
Major: English. Minor: Economics

Brown, Edith Letitia, B. Ph. (Denison University) M. A. (S. S. only) .....Newark
Minors: American History and Economics

Brown, Monroe Forest, A. B. (Ohio University)....Uhrichsville
Major: Chemistry

Brown, Robert Ellsworth, B. A. (Miami University) (S. S.) ..... Dayton
Major: Chemistry

Brown, William Byron, A. B. (University of California)... ..... Columbus
Major: Physics

Buehler, Calvin Adam, B. Ch. E., M. Sc. (S. S.)....Stone Creek
Major: Organic Chemistry. Minor: Chemistry

Burrell, Robin Charles, B. S. (Mount Union College)...Alliance
Major: Organic Chemistry

Burton, Dorothy Walters, B. A. (Ohio Wesleyan University) (S. S.) .....Delaware
Major: Anatomy

Name *Home Address*

Busch, Charles Ray, B. A. (Otterbein College) ..... Westerville
Major: Psychology. Minor: Sociology

Busch, Karl G. A., A. B., B. Sc. (Capital University) (S. S.) ..... Bexley
Major: Chemistry

Cagg, Miles Herbert, A. B. (Ohio University) ..... Nelsonville
Major: English. Minors: Political Science and European History

Cairns, Iva Crofoot, A. B. (Lake Erie College) ..... Oberlin
Major: Home Economics. Minor: Bacteriology

Campbell, Wesley Satterfield, A. B. (Wittenberg College) .. .. Columbus
Major: American History. Minor: Political Science

Canary, Peyton Henry, A. B. (Bethany College) ..... Columbus
Major: English

Capell, Leonard Thomas, B. Ch. E. ..... Columbus
Major: Organic Chemistry. Minor: Chemistry

Carey, Harry, A. B. (University of Michigan) (S. S. only) ..... Port Huron, Mich.
Major: Sociology

Chang, Cheh Yao, B. Sc. (Peking Government University) A. M. (Cornell University) Ph. D. (S. S.) ... Tientsin, China
Major: Chemistry. Minor: Pharmacy

Charch, William Hale, A. B. (Miami University) (S. S.) ..... Dayton
Major: Organic Chemistry. Minors: Physics and Mathematics

Charles, Frederick Grover, B. Sc. in Agr. ..... Ada
Minor: Botany

Cherington, Ethel Elliott, B. A., B. Sc. in Edu ..... Columbus
Major: Sociology

Clark, Elizabeth Diantha, B. A., M. A. (Ohio Wesleyan University) (S. S. only) ..... Delaware
Major: French. Minor: English

Clawson, Joseph Ernest, B. Sc. in Agr. (S. S. only) ..... Okeana
Major: Rural Economics. Minor: Bacteriology

Name *Home Address*

Clonts, Forrest William, A. B. (Wake Forrest College) ....Lakeland, Fla.
Major: American History. Minor: European History

Collette, Elizabeth, B. A. (Oxford College) M. A.....Columbus
Major: English

Collins, Anna Dinsmore, A. B. (Cedarville College) (S. S. only) .....Cedarville
Major: English

Collins, Marie, A. B. (University of Kentucky) (S. S. only) .....Paris, Ky.
Major: Sociology

Collins, Robert Willoughby, B. A., M. Sc. (S. S.).....Columbus
Major: Organic Chemistry. Minors: Physical and Inorganic Chemistry and Agricultural Chemistry

Conrey, Guy Woolard, A. B. (University of Michigan).... ..... Columbus
Major: Geology. Minors: Mineralogy and Chemistry

Cook, Salinda Linore, B. Sc. in Edu. (S. S. only) ....North Kingsville
Major: European History. Minor: French and Sociology

Coolidge, Edwin Nelson Cole, B. A.....Columbus
Major: Organic Chemistry. Minor: Physical Chemistry

Cooper, Sherman E., A. B., B. C. S. (Greenville College), (S. S. only) .....Belvidere, Ill.
Major: Sociology

Cope, Fred Funston, A. B. (College of Emporia) (S. S.)... .....Holton, Kan.
Major: Organic Chemistry. Minor: Physical Chemistry

Copeland, Eleanor Foster, A. B. (Western College for Women) .....Columbus
Major: English

Corbin, Linore, B. Sc. in Edu.....Columbus
Major: English. Minor: Psychology

Cornog, Jacob, A. B. (University of Oregon) (S. S.)..Columbus
Major: Chemistry. Minor: Physics

Corwin, Walling, B. Sc. in Agr. .....Morrow
Major: Farm Crops. Minor: Botany

Name *Home Address*

Cotterman, Athel Dale, A. B. (Capital University) M. A. (S. S. only) .....Thornville
Major: Latin. Minors: Greek and English

Coulter, Marion Donald, B. S. (Denison University)....Newark
Major: Chemistry

Cox, Ermina Stewart, B. S. (Denison University)...Proctorville
Major: Organic Chemistry. Minor: Physical Chemistry

Crawford, Richard Andrew, B. A. .....Dayton
Major: Organic Chemistry

Cristy, Edward James, A. B. (University of New Mexico) .....Albuquerque, N. M.
Major: Sociology

Crites, John Grover, A. B. (Defiance College) (S. S. only) .....Milton Center
Major: School Administration. Minor: Psychology

Croxton, Frederick Emory, B. A. (S. S.) .....Columbus
Major: Sociology

Cummins, Robert, B. A. (Miami University).....Oxford
Major: Economics. Minor: Sociology

Cunningham, Bess Virginia, B. S. (Toledo University)...Toledo
Major: Psychology

Curran, Carleton Edgar, A. B. (Wabash College) M. A. (S. S. only) .....Columbus
Major: Organic Chemistry. Minor: Inorganic Chemistry

Darby, Hazel Jane, B. A., M. A. .....Frankfort
Major: Sociology. Minor: Economics

Davis, Allen C., (S. S. only) .....Williamson, W. Va.
Major: School Administration. Minor: Psychology

Davis, Marie, B. Sc. in Edu. .....Columbus
Major: French

Davis, Ruth Spencer, B. Sc. in H. E. .....Columbus
Major: Art

Denune, Perry Perdue, B. A. (Hiram College).....Columbus
Major: Sociology. Minor: Psychology

Ditto, Raymond Clyde, B. Sc. (Denison University) A. M. (Princeton Unversity) (S. S. only) .....Columbus
Major: Physics. Minor: Mathematics

Name *Home Address*

Dobbins, Raymond Anson, B. A. .....Ada
Major: Botany. Minor: Entomology

Doersam, Jessie Belle, B. A. (S. S. only).....Columbus
Major: English. Minor: Philosophy

Dougon, Virgil Curtis, A. B. (Ohio University) (S. S.)..... ..... Zanesville
Major: European History. Minor: American History

Drennan, Marie, B. A. (Ohio Wesleyan University)....Swanton
Major: English. Minor: French

Drury, Agnes, B. A. (Otterbein College) M. A.....Dayton
Major: Sociology

Dundon, Merle Leroy, B. Sc. (Mount Union College) M. Sc. .....New Milford
Major: Physical Chemistry. Minor: Industrial Chemistry

Durham, Howard Adam, A. B. (Nebraska Wesleyan University) (S. S. only) .....Bristol, Colo.
Major: Chemistry

Eddy, Charlotte Coulter, Ph. B. (Wooster College) (S. S. only) .....Perrysville
Major: Latin. Minor: Bacteriology

Eddy, Clifford Otis, B. A., B. Sc. in Edu.....Ellicottville, N. Y.
Major: Zoology. Minors: Botany and Entomology

Edgar, Rachel Hartman, B. Sc. in H. E., M. Sc.....Coshocton
Major: Agricultural Chemistry. Minor: Chemistry

Edmiston, Robert Wentz, A. B. (Miami University) (S. S. only) .....Wapakoneta
Major: Chemistry. Minor: Physics

Edwards, Francis Rees, B. S. A. (University of Florida)... .....Jacksonville, Fla.
Major: Animal Husbandry. Minor: Soils

Elliott, Lucy Cable, B. A. (Mount Holyoke College) (S. S. only) .....Columbus
Major: Psychology

Elsesser, Louis A., B. A. (S. S. only) .....Tiffin
Major: Psychology. Minor: Sociology

Elwell, Marion Freeman, A. B. (Vassar College).....Columbus
Major: Psychology

Name *Home Address*

Ely, Howard, B. A. (Defiance College) (S. S. only)...Pataskala
Major: School Administration. Minor: Psychology

Emrick, Allen Stanford, A. B. (Miami University) (S. S. only) .....Ross
Major: School Administration. Minor: Psychology

Esper, Erwin Allen, B. A., M. A. (S. S.).....Columbus
Major: Psychology

Evans, Daniel Luther, B. A., M. A. .....Columbus
Major: Philosophy. Minor: Psychology

Everhart, Thomas Herbert, A. B., Ph. B. (Ohio Northern University) (S. S. only) .....Creston
Major: Psychology. Minor: Philosophy

Faustino, Leopoldo A., B. E. .....Calamba, P. I.
Major: Mine Engineering. Minor: Mineralogy

Finn, Karl Theodore, B. A. .....Columbus
Major: Political Science. Minor: Economics

Finnie, George Donald, B. A. (Western Reserve University) ..... Youngstown
Major: Economics

Fisher, Katharine, B. Sc. in Edu. .....Columbus
Major: English

Fisher, Lola Gail, A. B. (Wittenberg College) (S. S. only) ..... Springfield
Major: English. Minor: Sociology

Fisher, Mildred, B. A. .....Columbus
Major: Geology

Fisher, Ruby Rannells, A. B. (Wilmington College)..Wilmington
Major: English

Fitzgerald, Florence Elizabeth, B. Sc. in Edu., M. A.....London
Major: Psychology

Frey, Marguerite, B. A., B. Sc. in Edu.....New Richmond
Major: Zoology. Minor: Anatomy

Fuller, Mark Adin, B. Sc. in Agr.....Lakewood
Major: Dairying. Minor: Horticulture

Gabler, Earl R., B. Sc. in Edu. (S. S. only).....Chillicothe
Major: School Administration. Minor: Psychology

Name *Home Address*

Gaver, Margaret Ellen, A. B. (Otterbein College) . . . Westerville
Major: English. Minor: School Administration

Gayle, Joseph Lee, B. Sc. in Agr. (University of Kentucky) . . . . . Falmouth, Ky.
Major: Soils. Minor: Farm Crops

Gentry, Emery Marcus, B. S. (Fisk University) (S. S. only) . . . . . Portsmouth
Major: School Administration. Minor: Psychology

Gilmore, Rosanne, A. B. (Sweetbriar College) . . . . . Columbus
Major: English. Minor: Bacteriology

Gluck, Arthur, B. A. . . . . Columbus
Major: Philosophy. Minor: Psychology

Golladay, Grace Althea . . . . . Columbus
Major: Latin. Minor: English

Gordon, Edwin Warren, B. S. A. (Bethany College) . . . Columbus
Major: Horticulture. Minors: Zoology and Forestry

Graham, George Nelson, B. A. . . . . Reynoldsburg
Major: Spanish

Grant, Agnes Howard, B. Sc. in H. E. (S. S. only) . . . Cincinnati
Major: Physiology. Minor: Agricultural Chemistry

Grimes, Josephine, B. A. (Ohio Wesleyan University) (S. S. only) . . . . . Delaware
Major: English. Minor: Latin

Grimm, John Crawford, B. A., M. A. (S. S. only) . . . . . Columbus
Major: French

Grismer, Raymond Leonard, A. B. (University of Vermont) . . . . . Columbus
Major: Spanish. Minor: Italian

Groves, George Donovan, B. A. (Ohio Wesleyan University) . . . . . Troy
Major: Sociology

Growdon, Clarence Holmes, B. S. in Edu. (Ohio University) . . . . . Athens
Major: Psychology

Guinsler, Herbert J., B. A. (Ohio Wesleyan University) (S. S. only) . . . . . Crooksville
Major: School Administration. Minor: Psychology

Name *Home Address*

Guyton, Fay Erastus, B. Sc. in Edu. .....Winterset
Major: Entomology. Minors: Botany and Zoology

Haley, Dennis Edward, B. Sc. in Agr., M. Sc. (Pennsylvania State College) (S. S. only) .....Wilmington
Major: Soils. Minors: Agricultural Chemistry and Botany

Hall, Earl Fenton, B. Sc. in Edu.....Delaware
Major: School Administration. Minor: Psychology

Hanawalt, Fred Arthur, B. Sc. (Otterbein College) (S. S.) ..... Westerville
Major: Zoology. Minor: Botany

Hand, Albert Steele, B. A. .....Dayton
Major: Sociology. Minor: Economics

Harris, Emilie Lorraine, A. B. (Wittenberg College)..... ..... Springfield
Major: English. Minor: French

Harrold, Charles Frederick, B. A. .....Columbus
Major: English

Harshman, Anna Talmadge, B. Sc. in Edu. (Ohio Northern University) (S. S.) .....Ada
Major: Zoology. Minor: Public Health

Harshman, Ralph Garling, B.Sc. in Edu. (Ohio Northern University) (S. S.) .....Ada
Major: Sociology. Minor: Psychology

Hartley, Edwin Adolphus, B. A. (Oregon Agricultural College) .....Marshfield, Ore.
Major: Zoology. Minor: Botany

Hartley, Eldra Wade, B. A., B. Sc. in Edu., M. A.....Columbus
Major: Psychology

Haskins, Joseph Frederic, B. Sc. in Chem. (Denison University) M. Sc. (S. S.) .....Granville
Major: Organic Chemistry

Havighurst, Harold Canfield, B. A. (Ohio Wesleyan University) (S. S. only) .....Columbus
Major: European History

Heller, Eugene Harry, A. B. (Marietta College).....Marietta
Major: Chemistry

Name *Home Address*

Henry, Arthur Van, Cer. E. .....Columbus
Major: Ceramic Engineering

Hensel, Clarence Wellington, A. B. (Heidelberg University) A. M. (Northwestern College) (S. S. only)..San Diego, Cal.
Major: Sociology

Herrman, David Thomas .....Worthington
Major: Animal Husbandry

Hibbitt, George Whiting, B. A., B. Sc. in Edu.....Louisville, Ky.
Major: English

Hier, Florence Mabel, A. B. (Mount Holyoke College) Cincinnati
Major: French

Higgins, Ruth Loving, B. A., B. Sc. in Edu.....Columbus
Major: American History. Minor: Political Science

Hill, Norman Llewellyn, A. B. (Oberlin College).....Oberlin
Major: Political Science

Hinkle, Carl Paul, B. Sc. (Muskingum College)....New Concord
Major: Agricultural Chemistry. Minor: Physical Chemistry

Hobensack, Clarice Sarah, B. Sc. in Edu., M. A.....Mt. Victory
Major: Mathematics. Minor: Mechanics

Holl, Carl Waldo, B. A. (Manchester College) (S. S.).....
.....New Berlin
Major: Chemistry

Holl, Dio Lewis, B. A. (Manchester College) M. A...New Berlin
Major: Mathematics. Minor: Physics

Holliday, Mary Louise, A. B. (Randolph-Macon College) (S. S. only) .....Parkersburg, W. Va.
Major: French

Holloway, Harold Shane, B. Sc. (University of Akron)...Akron
Major: Chemistry. Minor: Bacteriology

Hoopman, Hallie Belle, B. S. in Edu. (Ohio University) (S. S. only) .....Westerville
Major: Spanish

Hoover, Ora Loring, B. A. (Manchester College) M. Sc. (S. S.) .....Garrett, Ind.
Major: Organic Chemistry. Minors: Physical Chemistry and Physics

Name *Home Address*

Hopkins, Wayne Leslie, B. A. (S. S.).....Gallipolis
Major: English. Minor: Psychology

Horton, Philip Gerald, B. S. (Denison University).....Newark
Major: Analytical Chemistry. Minor: Physical Chemistry

Hough, Walter Seneff, A. B. (Leland Stanford University)
.....Mt. Pleasant, Pa.
Major: Entomology. Minor: Botany

Houser, Cloyce Avery, B. S. (Ohio Northern University)..
..... Versailles
Major: School Administration. Minor: Psychology

Hoyt, Elizabeth, B. A., (Ohio Wesleyan University)...Delaware
Major: French

Huber, Lawrence Lester, B. Sc. in Agr. .....Bluffton
Major: Entomology. Minors: Zoology and Botany

Hunt, Lucian Francis, B. S. (Coe College)..Cedar Rapids, Iowa
Major: Chemistry

Hutchins, Flora Estelle, B. S., B. S. in Edu. (Ohio University) .....Nelsonville
Minor: Sociology

Hytree, Edward Charles, B. Sc. (Ohio Wesleyan University) M. A. (S. S.) .....Nutwood
Major: Organic Chemistry

Imhoff, Grover Cleveland, B. Sc. in Edu. (Ohio Northern University) (S. S. only) .....Shelby
Major: School Administration. Minor: Psychology

Irvin, Leon Percy, B. A. (Mercer University).....Oxford
Major: French. Minor: English

Jackson, Geraldine Edith, B. A. (Wilberforce University) (S. S. only) .....Wilberforce
Major: English. Minors: Latin and Psychology

Jamison, Uel Stitt, B. Sc. (Muskingum College)...New Concord
Major: Chemistry. Minor: Chemistry

Jarvis, Charles Willard, B. S., B. A., M. A.....Uhrichsville
Major: Mathematics. Minor: Physics

Johnson, Goldie Mae, B. S. in Edu. (Ohio University) (S. S.)
..... Columbus
Major: Botany. Minors: English and European History

Name *Home Address*

Jones, Bert Roberts, A. B. (Mount Union College) (S. S. only) .....Youngstown
Major: School Administration. Minors: Psychology and Economics

Jones, Lillian Isabel, B. Sc. in Soc. Ser. (S. S. only) ...Circleville
Major: English. Minors: American History and Sociology

Jones, Margaret Eloise, B. A., B. Sc. in Edu., M. A.....Columbus
Major: Mathematics. Minor: Mechanics

Jones, Parry Raymond, B. S. (Denison University) (S. S. only) .....Granville
Major: Chemistry. Minor: Physics

Jones, William Samuel, A. B. (University of West Virginia) .....Morgantown, W. Va.
Major: Chemistry. Minor: Chemistry

Jones, Winifred Cherrington, A. B. (Berea College)..Columbus
Major: French. Minor: Latin

Karsten, Andrew, A. B. (Hope College) M. A. (S. S.)..... .....Hudsonville, Mich.
Major: Industrial Chemistry. Minor: Physical Chemistry

Kelbaugh, James T., B. Sc. (Ohio Northern University) Hanover
Major: School Administration. Minor: Chemistry

Kennon, Verna Virginia, B. Sc. in Edu. (University of West Virginia) (S. S. only) .....Barnesville
Major: Mathematics. Minor: Psychology

Kienzle, Fancheon Boyle, B. A. (S. S. only).....Columbus
Minor: English

King, Roy Carlton, A. B. (Marietta College) B. Sc. in Agr. (S. S. only) .....Key
Major: School Administration. Minor: Psychology

Kinsey, Walter Harris, B. S. (Muskingum College).....Bellaire
Major: Soils

Kitsuta, Kisaku .....Yamanashiken, Japan
Major: Agricultural Chemistry. Minor: Chemistry

Koch, Harland Clifford, A. B. (Ohio University) (S. S. only) .....Mt. Vernon
Major: School Administration. Minor: Psychology

Kochheiser, Don Shannon, B. Sc. in Agr.....Bellville
Major: Dairying. Minor: Agricultural Chemistry

Name *Home Address*

Kotz, Eva M. Sandt, A. B. (Ursinus College) (S. S. only) ..... Columbus
Minor: French

Kotz, Theodore F., A. B. (Lehigh University) (S. S. only) ..... Columbus
Major: French. Minor: Spanish

Kraatz, Walter Charles, B. A. (University of Wisconsin) M. A. .....Milwaukee, Wis.
Major: Zoology. Minor: Entomology

Lake, William Walter, B. Sc. in Pharm. .....Richwood
Major: Chemistry

Lampe, Lois, B. Sc. in H. E., B. A.....Washington C. H.
Major: Botany

Landau, Samuel, B. A., M. A. (S. S. only).....Cleveland
Major: Chemistry

Lanman, Anne B., B. A. .....Columbus
Major: Sociology

Lash, Mendel Elmer, B. A. .....New Washington
Major: Organic Chemistry. Minor: Industrial Chemistry

Laughridge, Harry A., B. A. (S. S. only).....Columbus
Major: American History. Minor: European History

Lazenby, Elusina, B. A. (Smith College) .....Circleville
Major: Horticulture. Minor: Art

Leckliter, Grace, B. A. (S. S. only) .....Columbus
Major: European History. Minor: American History

Lee, Choon Ho, B. A. (Ohio Wesleyan University) ....Songdo, Korea
Major: Mathematics

Lee, Pyungtoo William, B. A. (Ohio Wesleyan University) .....Seoul, Korea
Major: Ceramic Engineering. Minor: Electrical Engineering

Lens, Catharine, B. A. (Miami University) (S. S. only)..Kenton
Major: German. Minor: English

Lewis, Fred Albert, A. B., A. M. (University of Alabama) (S. S. only) .....Columbus
Major: Mathematics

Name *Home Address*

Lewis, John Howard, B. A. (Harvard University).....Marengo
Major: Rural Economics

Liggett, David C., B. S. (University of Illinois).....Cleveland
Major: Sociology

Liming, Sherman V., B. A. (Cedarville College).....Cedarville
Major: School Administration. Minor: Psychology

Linder, Grace, B. A. (University of Illinois).....Columbus
Major: Philosophy

Little, Harold Melville, B. S. (Antioch College)..Yellow Springs
Major: School Administration. Minor: Psychology

Liu, Tien-Chen, B. S. (Government Institute of Technology)
.....Kwei Chow, China
Major: Civil Engineering. Minor: Metallurgy

Lively, Bertha A., B. Sc. in Edu. (Ohio University).....Athens
Major: Psychology. Minors: Philosophy and Sociology

Livingston, Jeanette Lee, B. A. (Muskingum College) (S. S. only) .....Columbus
Major: English. Minor: Latin

Looker, Cloyd Delson, B. Sc. in Edu., M. Sc.....Columbus
Major: Chemistry. Minor: Physics

Lorsheter, Frances Margaret, B. A., B. Sc. in Edu., M. A...
..... Columbus
Major: English

Loveland, Roger Platt, B. A. (Grinnell College) (S. S.)....Kent
Major: Industrial Chemistry. Minor: Bacteriology

Lowry, Erwin Foster, A. B., A. M. (Ohio Wesleyan University) (S. S. only) .....Columbus
Major: Physics. Minor: Mathematics

Lowry, Philip Rosemand, B. Sc. in Agr. .....Columbus
Major: Entomology

Lumley, Helen Robey .....Columbus
Major: European History. Minor: Latin

Lutz, Dexter Nathaniel, B. Sc. in Agr. (S. S. only)....Columbus
Major: Farm Crops. Minor: Botany

McAdams, Lenore, A. B. (Ohio Northern University) (S. S.) .....Ada
Major: English. Minor: Sociology

Name *Home Address*

McBride, Arthur Cook, B. A. (S. S. only).....Cambridge
Major: French. Minor: Greek

McCarty, Pearl Alphonso, B. A., M. A.....Mechanicsburg
Major: Chemistry

McClure, George Matthew, B. A., M. Sc. .....Wooster
Major: Analytical Chemistry. Minor: Mineralogy

McCoy, William Collins, B. A. (S. S. only).....McArthur
Major: Mathematics

McCracken, Mary Florence, A. B. (Western College for Women) .....Bellefontaine
Major: English. Minor: Psychology

McQuain, Pearlie Cecil, A. B. (West Virginia Wesleyan College) .....Pine Grove, W. Va.
Major: School Administration. Minor: Economics

Madden, Mabel Marie, B. Sc. in Edu., B. A. .....Groveport
Major: Latin. Minor: Mathematics

Marquand, Carl Bertram, B. A. .....West Lafayette
Major: Chemistry. Minor: Sociology

Marquand, Helen Hunt, B. S. in Edu. (Ohio University) ..... Columbus
Minor: Philosophy

Marshall, Helen, B. A. (Lake Erie College) M. A. (S. S.).. .....Port Clinton
Major: Psychology. Minor: Anatomy

Martin, Clare S., B. Sc. in For., M. Sc.....New Castle, Ind.
Major: Industrial Chemistry. Minor: Analytical Chemistry

Meinke, William Gottlieb, B. S. in Edu. (Ohio University) (S. S. only) .....Oak Harbor
Major: European History. Minors: German, Spanish

Meiter, Edward George, B. S. (Mount Union College)....Salem
Major: Industrial Chemistry. Minor: Organic Chemistry

Merriman, Daise Campbell, B. A. (Ohio Wesleyan University) (S. S. only) .....Columbus
Major: English. Minor: Latin

Merritt, Agnes Sommer, B. A. (Hunter College of City of New York) .....New York City
Major: Mathematics. Minor: Ceramic Engineering

Name *Home Address*

Mills, William Whistler, B. S. (Franklin College)..New Athens
Major: Analytical Chemistry. Minors: Industrial Chemistry and Bacteriology

Mitchell, Lester Edwin, Ph. B. (Denison University), M. A. (S. S. only) .....Cambridge
Major: English. Minor: Political Science

Montgomery, William Lee, B. A., B. Sc. in Edu.....Columbus
Major: European History. Minor: Political Science

Moodie, Edith Strickland, B. A. (S. S. only).....Detroit, Mich.
Major: Psychology. Minor: Sociology

Moomaw, Ira Wilbur, A. B. (Manchester College).....
.....North Manchester, Ind.
Major: Rural Economics. Minor: Sociology

Moomaw, Mrs. Mabel Winger, A. B. (Manchester College)
.....North Manchester, Ind.
Major: Sociology. Minor: Public Health

Moormann, Thomas Aquin, B. A. (University of Cincinnati)
..... Cincinnati
Major: Metallurgy. Minor: Mineralogy

Moran, Walter Harrison, B. A. (University of West Virginia) (S. S.) .....Fairmont, W. Va.
Major: Organic Chemistry. Minors: Physics and Physical Chemistry

Morison, Francis Lewis, B. Sc. in Agr., M. Sc.....Columbus
Major: Rural Economics. Minor: Economics

Morris, Adah Vivian, B. A. (S. S. only).....Logansport, Ind.
Major: English

Morris, Mary Jane, B. S. in Edu. (Ohio University) (S. S. only) .....Columbus
Major: English. Minors: European History and Botany

Morris, Samuel, B. A., M. A. (S. S.).....Morgantown, W. Va.
Major: Analytical Chemistry. Minor: Organic Chemistry

Morton, Sara Margaret, B. A., B. Sc. in Edu. (S. S. only)..
..... Brownsville
Major: English. Minors: European History and Latin

Moses, Eugenia Lois, B. A. .....Powell
Major: Psychology

Name *Home Address*

Mueller, Jerome Rheinhardt, A. B. (Miami University).... ..... Burkettsville
Major: Industrial Chemistry. Minor: Physical Chemistry

Mulholland, Isaac Eugene, B. S. (Heidelberg University) (S. S. only) .....Adrian, Mich.
Major: School Administration. Minor: Economics

Nash, William Lewis, B. Sc. in Arch. (University of Texas) (S. S.) .....Columbus, Texas
Major: Sociology. Minor: Psychology

Neeld, Agnes Scudder, Ph. B. (Wesleyan University) Columbus
Major: English

Newell, James Edward, B. A. (Otterbein College) (S. S.) ..... Columbus
Major: School Administration. Minor: Psychology

Ninegar, Gladys Lynn, B. A. (Ohio Wesleyan University) M. A. .....Hilliards
Major: English. Minor: Philosophy

Noel, Antoinette Pauline, B. A. (Ohio Wesleyan University) .....Blois, France
Major: English. Minor: Philosophy

Noel, George Joseph, B. Sc. (Heidelberg University) (S. S. only) .....McCutchenville
Major: Chemistry. Minor: History of Education

Oliver, Mary Harriet, A. B. (Mount Holyoke College) M. A. ..... Westerville
Major: Anatomy. Minor: Pathology

Orr, Grover L., B. A. (Capital University) (S. S.)....Columbus
Major: Chemistry. Minor: Bacteriology

Osterhof, Gerard Gordon, A. B. (Hope College)....Thayer, Ind.
Major: Industrial Chemistry. Minor: Physical Chemistry

Park, Joseph Andrew, B. A.....Columbus
Major: Sociology

Parker, Lester Day, B. Sc. (Ohio Wesleyan University) (S. S. only) .....Cedarville
Major: School Administration. Minors: Psychology, Economics

Name *Home Address*

Parrett, Charles Hayden, B. S. in Edu. (Ohio University) (S. S. only) .....Thornville
Major: School Administration. Minors: Psychology, Economics

Parsons, Joe Topping, B. A. (S. S. only) .....Worthington
Major: Chemistry

Paschall, Alma, A. B. (Wittenberg College) (S. S. only)... ..... Springfield
Major: French

Patterson, Gordon Derby, B. S. (Allegheny College) M. Sc. ..... Meadville, Pa.
Major: Industrial Chemistry. Minor: Organic Chemistry

Pease, Charles S., B. S. (Denison University).....Vanatta
Major: Organic Chemistry. Minor: Physical Chemistry

Pegg, Vesta Mary, B. A. .....Columbus
Major: English. Minor: European History

Peters, Ralph Watson, A. B. (Defiance College).....Defiance
Major: Economics. Minor: Journalism

Peters, Woodford W., A. B. (Manchester College) (S. S. only) .....Ladoga, Ind.
Major: School Administration. Minor: Psychology

Peterson, Joel Bigelow, B. Sc. (Denison University) M. Sc. .....Chicago, Ill.
Major: Organic Chemistry. Minors: Physical and Inorganic Chemistry

Phillips, James Gordon, B. A. .....Middletown
Major: Organic Chemistry. Minors: Physical Chemistry, Mineralogy, Metallurgy

Picard, Suzanne, A. B. (Drury College).....Valence, France
Major: English. Minor: French

Pickrel, Mary Bennett, B. S. in Edu. (Ohio University) (S. S. only) .....London
Major: School Administration. Minor: Psychology

Porter, Reuben Boring, B. A. (Northwestern University).. ..... Columbus
Major: Philosophy. Minor: Sociology

Price, Karl Denver, B. E. E. .....Columbus
Major: Electrical Engineering. Minor: Mathematics

Name *Home Address*

Pumphrey, Elgar Grant, A. B. (Otterbein College) LL. B. (Cincinnati Law School) (S. S. only) ..... Dayton
Major: School Administration. Minors: Psychology, School Administration

Pun, Ying Lam, A. B. (Leland Stanford University) M. Sc. ..... Kwai Ping, China
Major: Industrial Chemistry. Minor: Physical Chemistry

Racer, Marion Milton, A. B. (Wittenberg College) (S. S. only) ..... Springfield
Major: French. Minor: Spanish

Rader, Glen Eustace, B. Sc. in Edu. ..... Columbus
Major: School Administration. Minor: Psychology

Ray, Mary Estelle, A. B. (Indiana University) (S. S. only) ..... Columbus
Major: Latin. Minor: School Administration

Raynor-Ranck, Clara, B. A. ..... Brooklyn
Major: Sociology. Minor: Economics

Rea, C. Lois, A. B. (Allegheny College) (S. S. only) .. Cedarville
Major: Mathematics. Minor: Chemistry

Reed, Henry Thomas, A. B. (Kentucky Wesleyan College), A. M. (University of Chicago) (S. S. only) ... Sheffield, Ala.
Major: Sociology

Reed, Rufus Daniel, B. S. (Wilmington College) (S. S. only) ..... Blanchester
Major: Chemistry

Reedy, Esther, B. A., M. Sc. ..... Columbus
Major: Psychology. Minor: School Administration

Rees, Florence Helen, Ph. B. (Denison University), M. A... ..... Pemberville
Major: English. Minor: European History

Remler, Raymond Frederick, B. Chem. (University of Pittsburgh) ..... Wooster
Major: Agricultural Chemistry

Rey, Ernest, B. A., M. A. (S. S. only) ..... Columbus
Major: French. Minor: German

Reynolds, Martha Louise, B. A. (S. S. only) ..... Columbus
Major: European History. Minors: French and English

Name *Home Address*

Rice, Bryan Augustus, B. Cer. E. .....Elyria
Major: Ceramic Engineering. Minor: Mineralogy

Richardson, Mary Lucile, B. Sc. in Edu. (S. S. only)..Columbus
Major: American History. Minors: Political Science and School Administration

Rickey, Edna, A. B. (Ohio University), B. S. in Edu. (Ohio University) .....Columbus
Major: Psychology. Minor: Sociology

Ridley, Lendell Charles, A. B. (Wilberforce University), B. D. (Wilberforce University) (S. S. only).....London
Major: Sociology. Minor: Economics

Ries, Paul Frederick, B. A. .....Kenton
Major: Psychology. Minor: Political Science

Riggle, Chalmer Baker, B. A. (Ohio Northern University) (S. S. only) .....Ada
Major: School Administration. Minors: Psychology and School Administration

Riggs, Cecil Orval, A. B. (West Virginia University).... .....Moundsville, W. Va.
Major: Chemistry. Minor: Physics

Roberts, Lucian L., D. V. M. (Iowa State College)....Columbus
Major: Pathology. Minor: Bacteriology

Robson, James Thomas, B. Ch. E., M. Sc.....Elyria
Major: Chemistry. Minor: Ceramic Engineering

Rogers, Monna Marie, B. S. (Ohio University) (S. S. only) ..... Westerville
Major: School Administration. Minor: Psychology

Rosemond, Alice, A. B. (Randolph-Macon College) (S. S. only) .....Columbus
Major: Romance Languages

Rosemond, Leslie, A. B. (Smith College) (S. S. only)..Columbus
Major: French

Ross, Mary Eleanor, B. A. .....Columbus
Major: English. Minor: Spanish

Rosselot, Alonzo Pierre, B. A. (Otterbein College), M. A. (University of Wisconsin) .....Westerville
Major: French. Minor: Spanish

Name *Home Address*

Roth, Nettie Lee, B. A. (Otterbein College), M. A.....Columbus
Major: Psychology

Roudebush, Myrtle Scholes, A. B. (Bethany College) (S. S. only) .....Jownstown, Pa.
Major: English. Minor: History

Rowland, Lucile, A. B. (Ohio Wesleyan University (S. S.) ..... Delaware
Major: Latin. Minors: Psychology and Sociology

Rudmann, Charles Ferdinand, B. A., M. A. .....Ironton
Major: Chemistry. Minors: Bacteriology and Metallurgy

Ruff, Harold Theodore Reiner, B. Ch. E. (S. S.).....Lancaster
Major: Chemistry. Minor: Chemistry

Rugg, Paul Prior, B. A. (Ohio Wesleyan University)...Newark
Major: History

Sanders, Bernice, B. A. (Wilberforce University) (S. S. only) .....South Norfolk, Va.
Major: Mathematics. Minor: Physics

Satow, Mitsugi, B. Sc. (Hokkaido Imperial University).... .....Sapporo, Japan
Major: Bacteriology. Minor: Agricultural Chemistry

Sauer, Charles A., B. A. (Ohio Wesleyan University) (S. S. only) .....Circleville
Major: School Administration. Minor: Psychology

Saunders, Emmett Bismarck, B. Sc. (S. S. only)...Eagle, W. Va.
Major: School Administration. Minor: Economics

Sayre, Jasper Dean, A. B., M. Sc. (S. S. only)....Townville, Pa.
Major: Botany. Minor: Agricultural Chemistry

Schleicher, Mary Magdalene, B. S. in Edu. (Ohio University) .....Lancaster
Major: English

Schlesinger, Marion Elizabeth, A. B. (Antioch College) (S. S. only) .....Xenia
Major: European History. Minor: English

Schneider, Lydia, B. Sc. (S. S. only) .....Columbus
Major: European History

Schoedinger, Paul Siebert, A. B. (Princeton University)... ..... Columbus
Major: English. Minor: French

Name *Home Address*

Schory, Harold F., B. A. (S. S. only) .....Canton
Major: English

Scott, Walter, B. S. and B. A. (Valparaiso University) M. A. (Yale University) (S. S. only).....Akron
Major: Inorganic Chemistry

Scudder, Kathreen Virginia, A. B. (Leland Stanford University), M. A. (University of Chicago) (S. S. only) ..... Oxford
Major: Spanish

Sealock, Thelma Whitney, B. A. (University of Nebraska) .....Lincoln, Nebr.
Major: French. Minors: English, Italian

Sefton, Lily Bell, B. Sc. (Denison University), M. Sc. (S. S. only) .....Beach View, Pa.
Major: Organic Chemistry. Minor: Physical Chemistry

Seifried, Grace Mansfield, A. B. (University of Cincinnati) ..... Cincinnati
Major: Inorganic Chemistry. Minor: Organic Chemistry

Seitz, Luetta Eleanor, B. Sc. in Edu., B. A.....Wapakoneta
Major: English

Selby, Errett Morse, B.Sc. in For., B. A. (S. S.).....Columbus
Major: American History. Minor: Political Science

Selby, Irma Ruth, B. Sc. in Edu. .....Columbus
Major: Spanish. Minor: French

Sharpe, Claire Gertrude, B. Sc. in Edu. (S. S.).....Columbus
Major: Sociology. Minors: Psychology, Economics

Shaw, Elea Ernest, A. B. (Defiance College) (S. S. only)... .....Everett, Pa.
Major: School Administration. Minors: Psychology and School Administration

Shepard, Flola Lake, A. B. (Ohio University) (S. S. only) ..... Athens
Major: French. Minor: Greek

Sidwell, Nancy Elizabeth, Ph. B. (Wooster College)..... .....St. Clairsville
Major: English. Minors: Philosophy and Mathematics

Sims, Dorwin Deloss, B. A. (S. S. only).....Groveport
Major: School Administration. Minors: Psychology and Economics

Name *Home Address*

Skinner, Harley Clay, B. S. (Ohio University) (S. S. only) ..... Toboso
Major: School Administration. Minors: Psychology and Economics

Slager, Fred Cletis, B. S. (Ohio Northern University).... ..... Chillicothe
Major: School Administration. Minors: Psychology and Economics

Sloan, Arthur St. Clair, B. A. (Denison University) M. A. (S. S.) .....Columbus
Major: Romance Languages. Minor: Latin

Smith, Alva Wellington, B. A., M. A. .....Columbus
Major: Physics. Minor: Mathematics

Smith, Florn Washburn, B. Sc. in Edu. (S. S. only).....Shiloh
Major: Chemistry. Minor: Mathematics

Smith, Vance McDowell, B. A. (S. S. only).....Worthington
Major: School Administration. Minors: Psychology and Economics

Sollenberger, Isaac Jacob, A. B. (Manchester College) M. Sc. .....Columbus
Major: Rural Economics. Minor: Economics

Spellman, Ruth Cecelia, A. B. (Ohio Northern University) (S. S. only) .....Ada
Major: English. Minor: European History

Spieth, Herman Benjamin, A. B. (Defiance College) (S. S. only) .....Defiance
Major: Chemistry. Minor: School Administration

Spornhauer, Leo Henry, A. B. (St. Joseph's Jr. College) (S. S. only) .....Indianapolis, Ind.
Major: English. Minors: Latin and Philosophy

Stafford, Franklin K., B. A. (Heidelberg University) (S. S. only) .....Lucasville
Major: School Administration. Minors: Psychology and Economics

Steckel, Thomas Emanuel, B. A. (Indiana State University) M. A. (S. S. only) .....Delaware
Major: French. Minor: German

Name *Home Address*

Steed, James G., B. S. (Ohio University) .....Athens
Major: Analytical Chemistry. Minor: Industrial Chemistry

Steiger, Elsie Elenora, B. Sc. .....Hamilton
Major: Agricultural Chemistry

Stemen, William Russell, A. B. (Ripon College).....Bremen
Major: Organic Chemistry. Minors: Physical and Inorganic Chemistry

Stephens, Willie, B. A. (University of Tennessee).....Columbus
Major: Psychology

Stewart, Alfred William, B. Sc. (Ohio University) (S. S. only) .....Hilliards
Major: School Administration. Minor: School Administration

Stimson, Edward Schaad, B. A., B. Sc. .....Columbus
Major: Economics. Minor: Philosophy

Stoner, Corwin Robert, B. Sc.....North Canton
Major: Agricultural Chemistry. Minor: Dairying

Stout, Alice Jane, B. Sc., B. Sc. in Edu. (Ohio Northern University) (S. S. only) .....Ada
Major: English

Stout, Lawrence E., A. B. (DePauw University) .....
.....Greencastle, Ind.
Major: Industrial Chemistry

Stover, Ernest Lincoln, B. Sc. .....Richwood
Major: Botany

Strickland, Fred Guy, B. A. (Hiram College) (S. S. only)
..... Defiance
Major: Sociology. Minor: Economics

Strong, George Morton, B. Ph. (Marietta College), M. A...
..... Columbus
Major: Chemistry

Stuckey, Emma Elizabeth, B. A. (Heidelberg University) (S. S. only) .....Prospect
Major: European History

Talbott, John Sherman, B. Sc. (Muskingum College) .....
.....New Concord
Major: Political Science

Name *Home Address*

Taylor, Elliot Hubbard, B. S. (Massachusetts Agricultural College) .....Shelburne, Mass.
Major: Animal Husbandry. Minors: Animal Husbandry and Zoology

Tener, Carlton Glen, B. Sc. in Edu. (Miami University) ....Sinking Spring
Major: Chemistry. Minor: Physical Chemistry

Terry, Helen Virginia, B. A., B. Sc. .....Columbus
Major: Spanish. Minor: English

Thompson, Mildred Amelia, B. A. (Wittenberg College) (S. S. only) .....Springfield
Major: English. Minor: French

Thrash, Charles Leroy, B. Sc., M. Sc. .....Columbus
Major: Soils. Minor: Botany

Tiffany, Lewis Hanford, B. S. (University of Chicago) ....Lawrenceville, Ill.
Major: Botany. Minor: Botany

Tipton, Margaret Ethel, B. Ph. (Denison University) (S. S. only) .....Gallia
Major: English

Tipton, Ruth Louellen, B. Ph. (Denison University) (S. S. only) .....Gallia
Major: Spanish. Minors: French and English

Titus, Virginia M., B. A., B. Sc. (S. S. only) .....Columbus
Major: Mathematics

Treloar, William Butler, B. A. (Greenville College) (S. S. only) .....Farmdale
Major: School Administration. Minor: Psychology

Trisler, Anna Hitzfield, B. Sc. (University of Cincinnati) M. A. (S. S. only) .....Cincinnati
Major: European History. Minors: Political Science and English

Tsen, Yu Seng, A. B. (University of California) ..Nantaie, China
Major: Industrial Chemistry. Minor: Economics

Turner, Walter Lee, B. S. (Virginia Polytechnic Institute) .....East Falls Church, Va.
Major: Soils. Minors: Bacteriology and Entomology

Name *Home Address*

Tuttle, Harley Angelo, B. S. (Ohio University) (S. S. only) .....Diamond
Major: Sociology

Valley, George, B. Sc., M. Sc. .....Columbus
Major: Soils. Minors: Bacteriology and Botany

Vance, Floyd Johnson, B. A. (Otterbein College)..Reynoldsburg
Major: French. Minor: English

Vance, Josiah Gaddis, B. A. (S. S. only) .....Columbus
Major: French. Minor: Spanish

Vander Borgh, George Henry, A. B. (Hope College) .....
.....West Sayville, N. Y.
Major: Industrial Chemistry. Minors: Physical and Inorganic Chemistry

Van Eman, Charles Ross, B. S. (Wooster College)....Columbus
Major: School Administration. Minor: Psychology

Vannorsdall, Harry, B. Sc. in Edu. (Ohio Northern University) (S. S. only) .....Bowersville
Major: School Administration. Minor: Psychology

Van Riper, Christian, B. A. .....Dayton
Major: Economics. Minor: Sociology

Vilbrandt, Albert Herman, B. A. (S. S.).....Columbus
Major: Industrial Chemistry. Minor: Metallurgy

Virden, Edna Gwendolyn .....Columbus
Major: Spanish. Minor: French

Vollrath, Edna Grace, B. A. .....Bucyrus
Major: Geology. Minor: School Administration.

Vong, Pao Ho, B. Sc. (S. S. only).....Shanghai, China
Major: Organic Chemistry. Minors: Physical and Inorganic Chemistry

Walsh, Annetta, B. A. .....Columbus
Major: European History

Walsh, Frances Lyon, B. A. .....Columbus
Major: English. Minor: European History

Walters, Marguerite Belle, B. A. (Ohio Wesleyan University) .....Columbus
Major: Sociology

Name *Home Address*

Ward, James Hornsby, A. B. (Princeton University) (S. S. only) .....Milford
Major: Philosophy. Minor: Mathematics

Ward, John St. Clair, B. Sc. (Denison University).....
Major: Physics. Minor: Mathematics

Washburn, Carl DeWitt, B. A., M. A. .....Columbus
Major: American History

Waters, Charles White, B. S. (Berea College).....Oketo, Kan.
Major: Botany. Minor: Botany

Watson, William Clifford, B. A. .....Baltimore
Major: Philosophy. Minors: Political Science and English

Weber, Marie M., B. A. (Lake Erie College) .....Columbus
Major: English. Minor: Philosophy

Weihrauch, Irma May, A. B. (Wittenberg University) (S. S. only) .....Springfield
Major: French

Weinland, Louis A., B. Sc. (Otterbein College), M. A..... .....Westerville
Major: Chemistry. Minor: Physics

Weinlein, Lucile Marguerite, B. A., B. Sc. in Edu. (S. S. only) .....Columbus
Major: French

Weir, Howard Laurie, A. B. (Marysville College) (S. S. only) .....Cowan, Tenn.
Major: English. Minor: Psychology

Welty, M. Estella, Ph. B. (Wooster College) (S. S. only)..Lucas
Major: European History. Minors: American History and Economics

Wheeler, Eva Manning, B. A. .....Columbus
Major: Sociology. Minor: Economics

Whetstone, Arnot Wilson, B. A. (Otterbein College), M. A. (S. S. only) .....Chillicothe
Major: Rural Economics. Minor: Psychology

Whiston, Wilbur Harry, B. Sc. (Ohio University) (S. S.) ..... Columbus
Major: Economics. Minor: Political Science

Wickliff, Edward Lawrence, B. Sc., M. Sc.....Columbus
Major: Zoology. Minor: Anatomy

Name *Home Address*

Wilcox, Clair Lown, B. S. (University of Pennsylvania).... ..... Delaware
Major: Economics. Minor: Philosophy

Will, Alpha Jay, B. A., M. A.....Columbus
Major: Chemistry

*Williams, Gertrude, A. B. (Defiance College), M. A. ....West Mansfield
Major: English. Minor: Sociology

Willis, Edna Marie, A. B. (Oberlin College) .....Mansfield
Major: Psychology. Minor: Sociology

Wilson, James Sprigg, M. D. (University of Virginia) .... Columbus
Major: Public Health

Wingerd, Christian Russell, B. A. (Ohio Northern University) M. A. (S. S. only).....Middlebranch
Major: English. Minor: American History

Winter, Alden Raymond, A. B. (West Virginia University) .....Bridgeport, W. Va.
Major: Agricultural Chemistry

Withgott, Mary, A. B. (Ohio Wesleyan University) (S. S. only) .....New Holland
Major: French

Woodbury, Dwight Augustus, B. Sc. (University of Maine) M. Sc. (Dartmouth College) .....Columbus
Major: Physics. Minor: Mathematics

Woodin, Grover Cleveland, B. Sc. in Agr. (S. S. only) Columbus
Major: Psychology. Minors: Zoology and Mathematics

Wurdack, Mary Elvira, B. A. .....Columbus
Major: Botany. Minor: Agricultural Chemistry

Wyer, Pauline LeFevre, B. A. (Western College for Women) ..... Columbus
Major: Psychology. Minors: Economics and Philosophy

Xander, Enos Clyde, A. B. (Wittenberg College) (S. S.)... ..... Columbus
Major: Philosophy. Minors: Psychology and European History

*Died December 23, 1920.

Name *Home Address*

Yaney, Arthur J., B. A. (Ohio Wesleyan University) . . Wauseon
Major: Organic Chemistry. Minors: Physical and Inorganic Chemistry

Yang, Yao Tuh, B. S. (Government Institute of Technology) . . . . . Shanghai, China
Major: Electrical Engineering. Minors: Mechanical Engineering and Metallurgy

Young, Daniel Bruce, A. B. (Wittenberg College) (S. S. only) . . . . . Springfield
Major: Philosophy. Minor: European History

Zollinger, Howard Adolph . . . . . Thornville
Major: Animal Husbandry

COLLEGE OF AGRICULTURE

Name	*Rank*	*Home Address*
Adrian, Opal Marie, S. S.	Sophomore	Columbus
Agler, Floyd E.	Senior	Ohio City
Albert, Hugh Ivan	Freshman	Lewisburg
Albery, Harold Griffith	Senior	Pataskala
Alcorn, Walton Glover	Junior	Columbus
Alders, Raymond Elmer	Junior	Mineral Ridge
Alexander, Lucinda Mae	Sophomore	Bellefontaine
Alger, Horton	Freshman	Mantua
Allen, Koford Marsh	Senior	Columbus
Allen, Robert Baker	Special	Arcadia, La.
Anderson, Ethel May	Sophomore	Bellaire
Andrews, John Robert	Freshman	Columbus
Archer, James Oscar	Freshman	Adelphi
Armstrong, Talbott Vincent	Senior	Columbus
Arnold, Florence	Freshman	Columbus
Ash, Cloyde Chester	Sophomore	Weston
Ashenfelter, Clarence Rabold	Sophomore	Seville
Ault, Thirza Gladys, S. S.	Junior	Worthington
Aumend, Howard	Sophomore	Wauseon
Aylsworth, Ernest Roy	Freshman	Shreve
Bacon, C. Harold	Freshman	Vermilion
Baer, Robert Richard	Special	Coopersville
Baker, Albert	Junior	Somerset
Baker, Dean Baxter	Sophomore	Jewett
Baker, Helen Lynn	Junior	Toledo
Balliet, Donald D.	Senior	Perrysville
Balliet, Wayne LaRue	Sophomore	Perrysville

Name	*Rank*	*Home Address*
Bamberger, Irwin	Sophomore	Cincinnati
Bane, Charles Merrill	Freshman	Gallipolis
Barden, Roderick Dudley	Sophomore	Shreve
Barger, Harold Wilson	Freshman	Sidney
Barger, Wilbur Joseph	Sophomore	Sidney
Barker, Everett Burdell	Senior	Celina
Barnes, Harry Franklin, S. S.		Middlefield
Barnes, Mahlon Gilbert	Junior	Paulding
Barnhart, Homer Hensel	Sophomore	Canal Winchester
Barr, Robert William	Junior	Amanda
Barthelmeh, Addis Keren	Sophomore	New Philadelphia
Bascom, Theodore Ora	Sophomore	Kinsman
Basore, Dorothy Fisher	Sophomore	Columbus
Bates, Grace Leta	Sophomore	Kinsman
Bates, J. Glenn	Junior	Salem
Baugh, Murrell	Freshman	New Vienna
Baughman, Orville L.	Junior	Zanesville
Bauman, Earl Augustus	Junior	Sugar Grove
Baumgardner, Hugh W.	Junior	Sugar Grove
Baver, Leonard David	Sophomore	Miamisburg
Bayles, Westley Hunt	Sophomore	Orange, N. J.
Beall, Carl Frederick	Freshman	Wellington
Bear, Norman Robert	Junior	Dayton
Beck, Florence Rose	Freshman	Columbus
Beck, Melvin Frank	Freshman	Columbus
Beck, Philip Garrett	Freshman	Dresden
Beem, Nelson Clifford	Senior	Pataskala
Beerbower, Ralph Isaac	Sophomore	Hicksville
Behymer, Roscoe C.	Freshman	Amelia
Belknap, Sherman Jolley	Sophomore	Pataskala
Bell, Arthur H.	Sophomore	Zanesville
Bell, Francis Ivan	Sophomore	Zanesfield
Belt, Mildred	Freshman	Pataskala
Bending, Eugenia Simpson, S. S.	Senior	Columbus
Berman, Peter	Junior	Columbus
Bernard, Paul	Freshman	Melvin
Bernet, Bernard Francis	Freshman	Cleveland
Betz, Willard Calvin	Freshman	Columbus
Beushausen, Fredrick Weiner	Junior	Norwood
Bingham, Burton F., S. S.	Junior	Dayton
Bingham, Leland Charles	Sophomore	New Milford
Bingham, Nelson Eldred	Sophomore	New Milford
Birdsall, Donavan Miller	Sophomore	Greenspring
Bishop, Dale Grigsby	Sophomore	Dayton
Bishop, Harold M.	Senior	Milford Center
Black, Evelyn Garrison	Special	Columbus
Black, Melvin Hiel	Freshman	Mt. Vernon
Blackledge, Glenn Emil	Sophomore	Sunbury

Name	*Rank*	*Home Address*
Blake, Harvey Frank	Sophomore	Lost Creek, W. Va.
Blessing, Henry Leroy	Sophomore	Jeffersonville
Bliss, Sigmund Eugene	Freshman	Painesville
Blower, Rachel Margaret	Freshman	Columbus
Bluck, Walter Lemoine	Freshman	West Lafayette
Blue, Phoebe Annanette	Junior	Columbus
Boggs, Marion Rosella	Junior	Lexington
Boise, Myron Eston	Freshman	Wellington
Bookmyer, Frank Raymond	Senior	Clyde
Border, Mary Elsie	Freshman	Strasburg
Border, Nile McKinley	Sophomore	Strasburg
Bossart, Franklin Philip	Sophomore	Cleveland
Bovey, Wesley Evers	Sophomore	Columbus
Bower, Arthur Oliver	Junior	Cleveland
Boyden, Ruth E.	Sophomore	Medina
Boyer, Forestt Vivian	Freshman	Basil
Bradbury, Frances E.	Junior	Columbus
Bradley, Lemoine Dwight	Sophomore	Hudson
Bragg, John Denton	Sophomore	Castalia
Brame, Chester E., S. S.	Sophomore	Columbus
Brandon, Ashley Andrew	Sophomore	Coldwater
Bretz, Ruth Margaret	Freshman	Columbus
Brewster, Hazel Elizabeth	Freshman	Perry
Bricker, Byron R.	Senior	Shelby
Briggs, Bryce	Special	New Holland
Briggs, Joseph Muser	Freshman	Briggsdale
Brooks, Elizabeth Ruth	Freshman	Columbus
Broverman, Frances Helen	Senior	Wheeling, W. Va.
Brown, Clarence Delmon	Freshman	Logan
Brown, George Faris	Junior	Columbus
Brown, Lloyd Erskine	Freshman	Bourneville
Brown, Lorena S.	Special	Crooksville
Brown, Louise	Freshman	Columbus
Brown, Marion Elizabeth	Freshman	North Baltimore
Brown, Orpha Elizabeth	Senior	Cleveland
Brown, Robert Sater, S. S.	Sophomore	Columbus
Brown, William Joseph, S. S.	Sophomore	Columbus
Browne, Edwin Harry	Freshman	Mt. Vernon
Brueckner, Herman Jacob	Freshman	Cincinnati
Buchanan, Walter M., S. S.	Junior	Columbus
Buckley, Lina	Freshman	Harrison
Buckman, Marcus Earl	Freshman	Atwater
Bunch, Frank Harden	Freshman	Kempton, Ind.
Bunker, Dorothy Alice	Freshman	Marengo
Burgess, George C.	Sophomore	Rocky River
Burras, Arthur Lewis	Freshman	North Fairfield
Burrell, Arthur Brotherton	Freshman	Cleveland
Burris, Virgil Davidson	Sophomore	Columbus

Name	*Rank*	*Home Address*
Burwell, Walter George	Junior	Columbus
Buskirk, Daniel William	Junior	Independence
Busler, Leigh E.	Sophomore	South Charleston
Butterworth, Dorothy Louise	Senior	Columbus
Byers, Bernice Dunkle	Junior	Columbus
Byrd, Grace Webster	Junior	Columbus
Cahill, Bruce	Sophomore	Peoria
Cahill, Helen Shoemaker	Sophomore	Napoleon
Caldwell, Dorothy Hartzell	Sophomore	Pataskala
Caldwell, John Arthur	Senior	New Concord
Campbell, Barton	Senior	Marysville
Campbell, Charlotte Ruth	Sophomore	Union, W. Va.
Campbell, Lester Leon	Senior	Medina
Carey, Loren Dennis	Senior	Hicksville
Carpenter, Helen	Sophomore	Plain City
Carson, William Raymond	Freshman	Plain City
Cash, Terry Everett	Freshman	Hudson
Cassidy, Stanley Stonehill	Freshman	Minerva
Chambers, Ernest Leslie	Senior	Seville
Chrisman, Ross Fremont	Sophomore	Sharon Center
Christian, Carlton Fuller, S. S.	Sophomore	Columbus
Christopher, Winfred Obert	Sophomore	Cumberland
Chu, Chih Sen, S. S.	Sophomore	China
Cissna, Nelle	Freshman	Washington C. H.
Clabaugh, Helen Catherine	Freshman	Columbus
Clark, Charles G., Jr.	Senior	Cleveland
Clark, Eleanor Elizabeth	Junior	Medina
Clark, Elva Leona	Sophomore	Harrisburg
Clark, James Lawrence, S. S.	Sophomore	Columbus
Clark, Katharine A.	Sophomore	Columbus
Clever, Vance, S. S.	Senior	Lexington
Closs, Margaret Estelle	Sophomore	Cincinnati
Clump, Donald McNeal	Sophomore	Lancaster
Clymer, Russell R. S. S.	Senior	Napoleon
Coleman, Nina May	Senior	Valley City
Colton, Alice Bradford	Freshman	Columbus
Colville, Hugh Miller	Sophomore	St. Louisville
Condon, Charles F.	Senior	Painesville
Conklin, Franklin Dwight	Freshman	Radnor
Conn, Merrill Z.	Sophomore	Sunbury
Connell, Anna Madelyn	Freshman	Pittsburgh, Pa.
Conrad, Angelyn Elizabeth	Sophomore	Columbus
Conrad, Randolph Paul	Junior	Sugar Grove
Constable, Stuart, S. S.	Senior	Columbus
Cook, Madison Foss, S. S.	Sophomore	Cortland
Cook, Thomas Arthur	Freshman	Smithfield
Coons, Herbert Horton	Freshman	Richwood
Cooper, Mary Rebecca	Freshman	Columbus

Name	*Rank*	*Home Address*
Copeland, Oliver M., S. S.	Sophomore	Winchester, Ind.
Copeland, Walter Bitler	Sophomore	Wapakoneta
Coppock, Guy Lamar	Freshman	Salem
Corcoran, Willis Forrest	Junior	Circleville
Cornell, Joseph P.	Senior	Lakewood
Corrodi, Florentia Louise	Freshman	Columbus
Cox, Jesse L.	Special	Frankfort, Ind.
Coyne, Blanche Kathryn	Freshman	Milton, Ind.
Cozad, Arganbright Owen	Freshman	Columbus
Crabb, Kenneth	Freshman	New Holland
Craig, William Hunter	Sophomore	Lakewood
Cramer, Edna	Sophomore	Columbus
Cramer, Harold Henry	Sophomore	Amlin
Crane, Floyd Hamilton	Senior	Ravenna
Cranz, Damon Drushel	Sophomore	Ira
Crass, Harvey Stewart	Junior	Cleveland
Creamer, Wilma S., S. S.	Senior	Key
Cress, Hurve Lytton, Jr.	Sophomore	Cincinnati
Cromer, Stuart P., S. S.		Springfield
Cromley, Paul William	Senior	Ashville
Crow, Harold Kaho	Freshman	Cumberland
Crum, Clifford R.	Sophomore	Shelby
Crum, Martha Elizabeth	Junior	Columbus
Crumley, William Albert	Junior	Xenia
Cryder, Bernard N.	Sophomore	London
Cullen, Roy Gould	Senior	Isle Saint George
Cummings, Fidelia	Freshman	Painesville
Cummins, James Walter	Freshman	Worthington
Cunningham, Daisie Chloe	Senior	Columbus
Cunningham, Paul M.	Senior	New Concord
Cunningham, Stephen Merle	Freshman	New Rumley
Curry, Charles Deward	Freshman	Nova
Dailey, Lloyd Thomas	Freshman	Athens
Daniels, Raymond Evans	Junior	Alexandria
Darnell, Clay Carl	Sophomore	Grove City
Darragh, Charlotte Maude	Freshman	Columbus
Datson, Henry Kendall	Sophomore	Poland
Davidson, Lucile Helen	Sophomore	Columbus
Davis, Ben Herbert	Freshman	Perrysburg
Davis, Fred Raymond	Junior	Belle Valley
Davis, Lois Ambra	Sophomore	Napton, Mo.
Davis, Lou Irene	Freshman	Fremont
Davis, Sara Alice	Freshman	Belle Valley
Davis, Stanley, S. S.	Special	Columbus
Davison, Helen Alice	Senior	Harrison
Davison, James Bruce	Junior	Wooster
Decker, Verl Clarence	Senior	Cleveland
Deiber, Elizabeth	Sophomore	Beaver

Name	*Rank*	*Home Address*
DeLashmutt, Van Banks	Sophomore	Columbus
Dellefield, Earl Anthony	Senior	Elyria
Dempsey, Esther Marie	Senior	Columbus
Dent, Virgil Raymond	Sophomore	Ontario
Devitt, Mary Florence	Sophomore	McConnelsville
DeVore, M. Laoma	Senior	Gilboa
Dicke, Arlie August	Freshman	New Bremen
Dickerson, Harvey George	Sophomore	Stone Branch, W. Va.
Dickey, Carlos O.	Sophomore	Dresden
Dickson, Lewis Collis	Sophomore	Maysville, Ky.
Diehl, Helen Louise	Freshman	Defiance
Dildine, Catharine Mary	Freshman	Canal Winchester
Dill, Dorothy, S. S.		Washington C. H.
Dill, Lawrence Emil	Freshman	Lockbourne
Dill, Lee Harrison	Freshman	Sidney
Dittmer, Karl William	Sophomore	Wapakoneta
Dix, George Edmund	Senior	Uhrichsville
Doolittle, Lois	Freshman	Mansfield
Doster, Harold G., S. S.	Senior	Gates Mill
Douglas, Elizabeth	Freshman	Sandusky
Dowds, Dalton D.	Junior	Mt. Vernon
Dowell, Harry B.	Sophomore	Columbus
Dowler, Zula M.	Junior	Groveport
Downing, Dwight L.	Sophomore	Bellefontaine
Drake, Matthias Corwin	Sophomore	Lebanon
Druckerman, Joseph	Special	New York City
Duffield, Helen Christine	Sophomore	Akron
Dun, Charlotte	Junior	Hilliards
Dunbar, Hilma Elizabeth	Freshman	Cleveland
Dunbar, John W. E.	Sophomore	Cutler
Dungan, Lewis Clark	Freshman	Columbus
Dunlap, Charles Dillon	Freshman	Vanatta
Dunlap, Nelson Henderson	Freshman	Kingston
Dunn, Emerson Llewellyn	Freshman	Worthington
Dunn, Jessie Alberta	Freshman	Columbus
Durbin, Clark	Sophomore	Columbus
Early, Esther Anne	Senior	Columbus
Eastman, Donald Kindig	Freshman	Seville
Easton, Merab P., S. S.	Senior	Monroeville
Echelberry, Frederic DeWitt	Senior	Republic
Eckford, Marvin Burke, S. S.	Sophomore	San Antonio, Texas
Edwards, Elmore King	Senior	Troy
Egbert, John Levi	Junior	Everett
Eickelberg, Walter Alvin	Sophomore	Cleveland
Eiterman, Sophia Edith	Freshman	Columbus
Elhardt, Walter Philip	Senior	Miamisburg
Elliott, Georgiana, S. S.	Senior	Columbus
Ellis, William	Sophomore	Toledo

Name	*Rank*	*Home Address*
Ellsworth, Leone Mildred	Senior	Willoughby
Erskine, Rachel Becker	Senior	Parkers Lake, Ky.
Esselbaugh, Charles Orris	Sophomore	Fostoria
Essex, Howard	Freshman	Paulding
Evans, Arthur Howard	Freshman	Newark
Evans, Beatrice Blanche	Junior	Columbus
Evans, Mary Cornelia	Freshman	Columbus
Evans, Stanley	Senior	Sidney
Everett, John Elias	Sophomore	Huron
Everhart, George G.	Senior	Columbus
Everitt, Arlington L.	Sophomore	Warren
Ewing, William Kenneth	Freshman	Newark
Fair, Evagene Louise	Junior	New London
Falkenbach, Eugene Thomas	Freshman	Columbus
Famulener, Dwight Nelson	Freshman	Kingston
Fankhauser, Paul P.	Sophomore	Powhatan Point
Feightner, Ruth Madeleine	Freshman	Massillon
Felshaw, Clarence Lea	Freshman	Norwalk
Fenton, Dorothy P.	Sophomore	Dayton
Fenton, Floyd Doolittle	Sophomore	Kent
Fields, Arbor Dell	Special	Hamilton
Finan, John Ambrose	Freshman	Nashport
Finley, Lynn Wallace	Senior	New Concord
Finneran, Russell Thomas	Senior	Columbus
Fisher, Harold Louis	Special	Wapakoneta
Fisher, Homer Robert	Sophomore	Condit
Fleming, Harold Dean	Freshman	Vincent
Floto, Ruth	Senior	Martins Ferry
Floyd, Russell Trexlar	Junior	Quaker City
Ford, Mary Ruth	Junior	Columbus
Fordyce, Walter Jones	Junior	Dayton
Forsyth, William Howard	Freshman	Malta
Foster, Clyde	Special	Seymour, Ind.
Foster, Homer V.	Sophomore	Thornville
Foureman, Roy Bireley	Sophomore	Greenville
Francis, Jeannotte	Junior	Plain City
Frank, Herbert W.	Senior	Valley City
Franks, Roscoe W.	Sophomore	West Minster
Frantz, Florence Anna	Freshman	Amlin
Fravel, Charles Henry	Senior	Gahanna
Frederick, Vernon Ross	Freshman	Copley
Fredericks, Frank A.	Freshman	Cleveland
French, Arthur Perkins	Senior	Medina
Frew, James Edward	Junior	Coshocton
Frey, Harold Carter	Senior	New Richmond
Frink, Donald Warden	Sophomore	Perry
Fristat, Elias	Special	Canton
Fry, Harvard O.	Special	Norwood

Name	*Rank*	*Home Address*
Fudge, Russell Meyer	Freshman	West Alexandria
Furney, Hazel, S. S.	Senior	Kenton
Fussnecker, Emil Wilson	Special	Columbus
Gaebel, Herman Harry	Sophomore	Brookville
Galbreath, Louesba Mitchell	Junior	Columbus
Gallaher, Hazel Marie	Sophomore	North Jackson
Ganyard, George Bradley	Senior	Medina
Gardner, Milton Ostus	Freshman	Proctorville
Garmhausen, Wilbur J.	Freshman	New Bremen
Gartner, Herbert L.	Senior	Chillicothe
Garver, Ralph Emerson, S. S.	Sophomore	Trotwood
Gault, Ross Moore	Sophomore	Portsmouth
Gehrig, Clarence Alfred	Freshman	Millersburg
Geiger, Guy Lee	Senior	Columbus
George, Deborah	Freshman	Newcomerstown
George, Emerson M.	Sophomore	Delta
Gerwig, Opha John	Junior	Little Otter, W. Va.
Gibboney, Carl Norton	Sophomore	Bradford
Gibson, Walter Everrette	Junior	Copley
Gillam, Neal	Junior	Lorain
Gillespie, Maurice Bushnell, S. S.	Senior	Columbus
Glass, James Garvin	Sophomore	Murphy, Idaho
Glaze, John Edward	Sophomore	Washington C. H.
Glendenning, Alfred	Sophomore	West Dover
Glunt, Guy Garrett	Junior	Union City, Ind.
Goller, Paul Harmon	Freshman	Holgate
Gordin, Edwin Ray	Sophomore	Springfield
Gorrell, Kathryn Margaret	Senior	Columbus
Gorrell, Naomi Katherine	Senior	Payne
Gossard, Arthur Paul	Junior	Burgoon
Graber, Beulah E.	Junior	Beach City
Graham, Ruth Helen	Freshman	Columbus
Gray, George Cloise	Sophomore	Sunbury
Gray, Mary Catherine	Sophomore	Columbus
Greek, Glen D., S. S.	Senior	Columbus
Green, Carl Leroy	Sophomore	Wellsville
Green, Earle M.	Junior	East Liberty
Green, Wesley Stewart	Sophomore	Thompson
Greer, Frank W.	Special	Delaware
Greer, Rossie B.	Freshman	Mt. Vernon
Griffith, Marion Etta	Sophomore	Columbus
Griggs, Lucille Ella, S. S.	Sophomore	Wellington
Groom, Eleanor Margaret	Freshman	Saginaw, Mich.
Groschner, Margaret	Freshman	Toledo
Groth, Harold Herman	Freshman	Cleveland
Groves, Ermy Wade	Special	Mulberry
Grow, Buel King	Freshman	Williamstown, W. Va.
Grueninger, Robert McKinley	Freshman	Cleveland

Name	*Rank*	*Home Address*
Gunder, Frances Edythe	Freshman	Marion
Gusler, Nelson Bryan	Sophomore	Grover Hill
Gustin, Clay	Special	Middletown, Ind.
Haag, Paul Edward, S. S.	Special	Columbus
Hain, Oliver Hilbish	Freshman	Cleveland
Haley, Alice Agnes	Freshman	McComb
Hall, Florence Gertrude	Sophomore	Cadiz
Hall, Gordon A.	Sophomore	North Olmsted
Hall, Mabel Genevieve	Freshman	Cadiz
Hall, Robert H.	Senior	Ashville
Halley, Ellis Sibley	Sophomore	Gallipolis
Hamm, Arnold Claude	Special	Columbus
Hammon, Ruth Mildred	Freshman	Vincennes, Ind.
Hammond, Eleanor Brown, S. S.	Senior	St. Clairsville
Hancock, Lowell Wilson	Sophomore	Williamsburg
Handwark, Don Rudolph	Freshman	Homerville
Harmon, Edward Bentley, S. S.	Senior	Cleveland
Harmount, Pryor Timmons	Senior	Chillicothe
Harpster, Rosetta Ruth	Graduate	Columbus
Harris, Ralph Edwin	Freshman	Centerville
Harrod, Ralph Samuel	Freshman	Wapakoneta
Harshfield, Hiram Wayne	Junior	East Liberty
Hart, Marjorie	Freshman	Columbus
Hartman, Cary Tingley	Sophomore	Cincinnati
Hartman, Morris Fuller	Freshman	Batavia
Hartsel, Byron L.	Sophomore	Haviland
Harvey, Lowell	Freshman	Columbus
Harward, John Thomas	Freshman	Gahanna
Haskins, Clara Josephine	Senior	Chagrin Falls
Haskins, F. Glenn	Senior	Waterville
Hasler, Edward Gipson, S. S.		Greenfield, Ind.
Hasler, George Louis	Freshman	Hamilton
Haueisen, Marie Louise	Senior	Hilliards
Hawk, Ellis L.	Junior	Shelby
Hayes, George Allen	Freshman	Lockbourne
Hayes, Margaret	Freshman	Lockbourne
Hays, Helen	Freshman	Columbus
Hedge, Alfred Merie	Senior	Scenery Hill, Pa.
Hedge, Hannah Isabel	Senior	Caldwell
Heilman, Calvin	Sophomore	Kenton
Heim, Philip Eberhardt	Senior	Novelty
Helfand, Louis Israel	Senior	Philadelphia, Pa.
Heller, Harold Elias	Freshman	Columbus
Helm, Fred Louis	Sophomore	Columbus
Henderson, Glenna A.	Junior	Byesville
Henderson, Martha E.	Freshman	Columbus
Henning, William Lewis	Senior	Hicksville
Herbert, William Broaddus	Senior	Delaware

Name	*Rank*	*Home Address*
Hermes, Harry August	Freshman	Dayton
Herrman, David Thomas	Senior	Columbus
Hess, B. Parker	Junior	Columbus
Hess, Paul Micheal	Freshman	Mannington, W. Va.
Hienton, Truman Edward	Senior	Cleveland
Higgins, Herman Anthony	Freshman	Dayton
Hildebrand, Ruth	Freshman	Fredericktown
Hill, Dorothy Jean	Sophomore	Dayton
Hill, Herschel Troutman	Freshman	Sunbury
Himes, William Jennings	Junior	Wooster
Hine, Louis Phillips	Senior	Rocky River
Hinkley, Jane Snow, S. S.	Senior	Greenspring
Hinman, Ralph Ansel	Sophomore	Ravenna
Hively, J. Thurman	Junior	Columbus
Hoddinott, Ira Seymour	Junior	Medina
Hoen, Fred W.	Junior	Maumee
Hoffman, Dwight Lyman	Freshman	Mantua
Hoffman, Foster	Junior	Leipsic
Hoffman, George Martin	Freshman	Cleveland
Holden, Harold Bennere	Senior	Harrison
Holstein, Don S.	Junior	Middletown
Homan, Eber	Freshman	Dayton
Hook, Nellie A.	Senior	Hicksville
Hoover, Delmar Walter	Sophomore	New Waterford
Hoppe, Irene	Junior	Foster
Hopwood, Naomi Louise	Junior	Vinton, Iowa
Horch, Albert Samuel	Freshman	Worthington
Hott, Alice Olivia	Sophomore	Mt. Sterling
Hott, George Herbert	Sophomore	Holmesville
Houser, James Hubert	Senior	Belpre
Howe, Nelson Twining	Freshman	Birmingham
Howenstine, Esther M.	Sophomore	Hicksville
Hubbard, Geneva	Freshman	Youngstown
Huff, Henry Clayton	Freshman	Fresno
Huffman, Helen Lavon, S. S.	Junior	Columbus
Hughes, Alice	Junior	Cuyahoga Falls
Hukill, Harold Raymond	Senior	Columbus
Hulme, Mary Ethel	Freshman	Columbus
Hummon, Clair Talmadge	Freshman	Leipsic
Humphrey, Sylvester Sherman	Senior	Zanesville
Hunnicutt, Orville Linton	Junior	Columbus
Hunter, Robert Wallace	Freshman	Cumberland
Huston, Judson Gordon	Sophomore	Sunbury
Hutchison, Chester	Freshman	Ashville
Hutchison, Virgil Odell	Senior	Smithville
Hutson, Marian F.	Senior	South Solon
Hyland, Geraldine Lucile	Freshman	Franklin Furnace
Hylton, Frank Harrison	Freshman	Columbus

Name	*Rank*	*Home Address*
Imboden, Helen	Junior	Columbus
Imhoff, Laurence, S. S.		St. Clairsville
Ingels, Truman R.	Senior	Gallipolis
Ink, James	Junior	Canton
Ink, Vivian DeVera	Junior	Lexington
Irons, Frank	Freshman	Lebanon
Irvin, Arthur Joseph	Sophomore	Burbank
Irvin, William A.	Junior	Gratiot
Isenman, Alfred LeRoy	Freshman	Lakeville
Jackman, Melvin Ellsworth	Senior	Lakewood
Jackson, Carlton Lee	Sophomore	Wakeman
Jackson, LeMonne Ervin	Sophomore	Portsmouth
Jackson, Virginia Shirley	Freshman	Columbus
Jackson, William Marion	Sophomore	Casstown
James, Orin H. L.	Sophomore	Hamilton
Jaster, Julia W.	Junior	Farmdale
Jenkins, Chester M.	Senior	Dayton
Jenkins, Norene	Freshman	Columbus
Jiminez, Jose T.	Freshman	Cabanatuan,P. I.
Johantgen, Mildred	Freshman	Van Wert
Johns, Richard	Freshman	Elyria
Johnson, Howard Wilfred	Sophomore	Columbus
Johnson, Millicent	Senior	Waverly
Johnson, Thomas Hampton	Freshman	New Vienna
Jones, Harley Roger	Junior	Columbus
Jones, Leland Thomas	Freshman	Radnor
Jones, Merritt Emerson, S. S.	Senior	Ridgeway
Jones, Ruth Cable	Freshman	Columbus
Jones, Samuel Albert	Senior	Columbus
Jordan, Sanford Lee, S. S.	Special	Jackson
Justice, Russell George	Senior	Salem
Kaiser, Anna Elizabeth	Junior	Rocky River
Kaiser, Louis Byron	Freshman	Athalea
Kasselman, Max Leo	Senior	Columbus
Kearney, David Anderson	Junior	Frankfort
Keever, Wesley Charles	Sophomore	Belleville
Kendall, C. Victor	Senior	Columbus
Kennedy, Helen Winifred	Freshman	London
Kennedy, Robert David	Senior	Columbus
Kennedy, Roland N., S. S.	Senior	Columbus
Kent, Lewis Zeno	Sophomore	Chagrin Falls
Kershner, Elmer George, S. S.	Special	Bloomville
Keynes, Lucille Wilshire	Senior	Logan
Keyser, Ormann Reuben	Junior	Homerville
Keyser, William Eugene	Senior	Homerville
Kibler, Mary Virginia	Sophomore	Newark
Kiefer, Arthur S.	Special	Columbus
Kiehl, Ina Beatrice	Junior	Columbus

Name	*Rank*	*Home Address*
Kight, William Herbert, S. S.	Special	Columbus
Kinsey, Walter Harris	Senior	Bellaire
Kirchner, Alice Rosina	Freshman	Youngstown
Kirkland, Edwin S.	Sophomore	Gibsonburg
Kirkwood, Charles, S. S.		Greenwich
Kissell, James Theodore	Freshman	Columbus Grove
Kitsuta, Kisaku, S. S.	Senior	Sakaigawa, Japan
Kleinmaier, Bertram H.	Sophomore	Marion
Klepinger, Troy E.	Sophomore	Dayton
Kline, Homer Jesse	Senior	Swanton
Kline, Otto Claire, S. S.	Junior	West Salem
Knisley, Thelma	Sophomore	Bainbridge
Knowles, Corwin Lang	Junior	Portsmouth
Knox, John Harvey	Senior	Painesville
Koch, Grace Louella	Freshman	Wheelersburg
Koontz, Luther Henry	Junior	New Carlisle
Koppes, John Max	Freshman	Medina
Kost, Ernest Frederick	Freshman	Youngstown
Kramer, William Russell	Sophomore	Chillicothe
Krause, Eloise Lydia	Sophomore	Valley City
Krause, Marie Caroline	Senior	Columbus
Krauss, Clarence Snyder	Freshman	Findlay
Kreitler, Robert Edward	Sophomore	Warren
Krichbaum, Harold	Freshman	Canton
Krichbaum, S. Waldo	Junior	Nevada
Krill, Walter Roland	Sophomore	Edgerton
Krohm, Herman J.	Junior	Dayton
Kruckman, Hortense Irene	Senior	Toledo
Kuglen, Marie Catherine	Special	Columbus
Kurtz, Myron Clinton	Sophomore	Bucyrus
Kutschbach, Helen Frances, S. S.	Junior	Columbus
Laisy, Albert Lloyd	Junior	Cleveland
Lammers, Claude John, S. S.	Special	Cincinnati
Lane, Albert Howard	Freshman	Dayton
Lane, Isaac Soppe	Senior	Dayton
Lang, Chester Charles	Junior	Woodsfield
Lang, Robert William	Freshman	Woodsfield
Langmead, John C.	Junior	Cleveland
Langshaw, Stephen John	Freshman	Perry
Latham, Frances Mildred	Junior	Hilliards
Laughlin, Rowland W.	Junior	Belle Center
Lawler, Thomas Wilford	Sophomore	Bellevue
Lawrence, Joseph Herbert	Freshman	Kenton
Leak, Golding Edward	Freshman	Boughtonville
Leavengood, Joseph Derea	Freshman	Fresno
Lebold, Grace Charlotte	Freshman	Wooster
Lee, Lynn Ludwig	Freshman	Clyde
Lee, Rolfe	Freshman	Gallipolis

Name	*Rank*	*Home Address*
Leech, Elizabeth Hill	Sophomore	Steubenville
Leibbrand, Norma Emma	Freshman	Columbus
Lemasters, Austin Otis	Freshman	Ravenna
Lemert, Dorothea M.	Senior	Napoleon
Lentz, Sara Pauline	Sophomore	Antioch
Leonard, Lillian Jean	Freshman	Basil
Leonard, Lyle Brown	Junior	Columbus
Lepard, Constance Vivian	Freshman	Attica
Lewin, Sigmund, S. S.		Columbus
Lewis, George	Freshman	Columbus
Lewis, Lowell Martin	Sophomore	Albany
Lewis, Ruth Evelyn	Freshman	Columbus
Lewis, Thomas Phillip	Freshman	Columbus
Lewis, William James	Senior	Columbus
Leyda, Walter Cletus	Freshman	Minerva
Lichtensteiger, Lucille Olivia	Junior	Wren
Lichti, Ralph Howard	Freshman	New Philadelphia
Liggett, Willard Rowe	Freshman	Johnstown, Pa.
Limber, Donald Philips	Freshman	Hadley, Pa.
Lindsey, Everett Raymond	Senior	Columbus
Linebaugh, Doris Irene	Sophomore	Grove City
Lingo, Marion Anne	Sophomore	Columbus
Lintner, Lois Gretchen	Freshman	Columbus
Lintner, Mary Adelaide	Junior	Columbus
Linton, Herman McGee	Freshman	Frost
Livingston, Florence Louise	Sophomore	Cincinnati
Lock, Ralph E.	Junior	Cleveland Heights
Loehnert, Frank	Senior	Cleveland
Long, Clifford Noel	Freshman	Loudonville
Long, Orville David	Freshman	St. Paris
Long, Sara	Sophomore	Newark
Longman, Helen, S. S.	Senior	Columbus
Loomis, Lowell Arnold	Freshman	New Philadelphia
Lotz, Ernest George, S. S.	Sophomore	Columbus
Lower, Alton Raymond	Freshman	Baltic
Luckey, John Kirk	Sophomore	Elmore
Ludwig, George Gilbert	Sophomore	Terrace Park
Lunn, Mary Vastine, S. S.	Junior	Columbus
Lytle, Ray Clovis	Freshman	Columbus
McAfee, Dorsey Porter	Sophomore	Portland, Ind.
McAnall, Jay R.	Senior	Mt. Gilead
McCalmont, J. Arthur	Junior	Sebring
McCaughey, Royal Chester	Special	Ripley
McClelland, Herbert Dean	Sophomore	Utica
McClelland, John B.	Senior	Wooster
McClure, Homer Wakefield	Freshman	Harrison
McClure, Lewis David	Junior	Columbus
McCollister, Francis Graham	Junior	Clarksburg

Name	*Rank*	*Home Address*
McConahy, Aleen Q. V.	Freshman	Cleveland
McCoy, Eugene G.	Senior	Emlenton, Pa.
McCoy, Neal Alexander	Senior	Seville
McCreight, James Hugh	Freshman	Seaman
McDonald, Thomas C.	Junior	Mineral City
McElwain, Carl Willard	Junior	LaFayette
McGlashan, Pearl	Sophomore	Frankfort, Ill.
McGonigle, Ruth Martha	Freshman	Toledo
McGuire, Seymour J.	Freshman	Grove City
McIntosh, Robin Beatrice	Freshman	Columbus
McKee, Helen Esther	Junior	Columbus
McKitrick, John Leslie	Special	Pennsville
McKinnon, William Foster	Senior	Bellefontaine
McMillan, Alice Eleanor	Freshman	Emerson
McMillen, Mary	Special	Columbus
McMillin, Charles David	Senior	Wooster
McNaghten, Harold H.	Freshman	Reynoldsburg
McNaghten, Lola Blanche	Freshman	Reynoldsburg
McQuilkin, Martin Ford	Junior	Cleveland
McReynolds, Stewart F.	Sophomore	Clarksburgh, W. Va.
MacDonald, Clarence A.	Junior	Columbus
MacNeal, Loretta Ethel	Freshman	Columbus
Macy, Margaret Elizabeth, S. S.		Union City, Ind.
Madden, Helen Leona	Sophomore	Hilliards
Maibauer, Myrtle Minnie	Sophomore	Cleveland
Maier, Dee	Senior	Montpelier
Malick, James Albert	Sophomore	Celina
Malter, Harry	Senior	Cincinnati
Manney, Lucille Josephine	Senior	Columbus
Marble, Homer Wilder	Sophomore	Conneaut
Marshall, Clara Allen	Freshman	Dublin
Marshall, Herbert Tanner	Junior	Nashport
Martin, Gladys Evelyn, S. S.	Junior	Valley City
Martin, Harvey Robert	Junior	Coshocton
Mason, Harry Neill	Freshman	Avery
Mason, Margaret Harriet	Sophomore	Zanesville
Massie, Ida Fay	Freshman	Haverhill
Mathewson, Adonis A., S. S.	Sophomore	Maumee
Matson, Howard Virgil	Freshman	New Vienna
Matson, Ralph Joseph	Sophomore	Middletown
Matthews, Fred Curtis	Freshman	New Vienna
Matthews, Josephine, S. S.		Columbus
Matthews, Otis Reed	Special	Greencastle, Ind.
Mattus, Joseph John, S. S.	Junior	Chagrin Falls
Matz, John Williard	Senior	Clyde
May, Virgil Mauenne	Junior	LaFayette
Mayer, Lester Bleil	Senior	Valley City
Mayne, Robert Arthur, S. S.	Senior	Miamisburg

Name	*Rank*	*Home Address*
Medaris, Gwendolyn Hunter	Sophomore	Columbus
Mengert, Paul William	Senior	Toledo
Menke, Alice Ruth	Sophomore	Greenville
Merickel, Margaret Helen	Junior	Toledo
Merion, Charles Sudan	Freshman	Columbus
Merrill, Doris Mae	Freshman	Summit Station
Metzger, Edward Philip	Special	Toledo
Meyer, Wilbur Henry	Junior	Beardstown, Ill.
Meyers, Marion Thomas, S. S.	Senior	Hillsboro
Miars, Mary Margaret	Sophomore	Spring Valley
Michael, Kenneth Eby	Sophomore	Dodgeville
Michel, Lois Edna	Junior	Bethesda
Mikesell, Alva G., S. S.		Johnstown
Miller, August Edward	Senior	Zanesville
Miller, Corinne Blanche	Freshman	Spencerville
Miller, Elizabeth	Junior	Steubenville
Miller, Eugene H.	Junior	West Mentor
Miller, Floyd James	Junior	Chardon
Miller, Mack Levi	Sophomore	Malvern
Miller, Ralph Lester	Freshman	Foster
Miller, Robert Alanson	Freshman	Spencer
Miller, Rose Fay	Junior	Columbus
Miller, Russell Wells	Sophomore	Sunbury
Miller, Ruth	Senior	Columbus
Mills, Fanny Marie, S. S.	Senior	Swanton
Minarik, James Walter	Sophomore	Novelty
Mincks, Bernice Anna	Freshman	Carrollton
Minnich, Marjorie Anne	Junior	Columbus
Minor, Hunter Gould	Sophomore	Columbus
Mitchell, William Stewart	Senior	Cambridge
Moberg, Lawrence	Sophomore	Brockton, Mass.
Mohney, Elinor Lucile	Freshman	Painesville
Montague, W. Byron	Special	Louisville, Ky.
Montgomery, Orville Cooley	Special	Columbus
Montgomery, Robert Morris	Freshman	Youngstown
Moore, Hobart Lee	Sophomore	Nellie
Moore, Mary Louella	Junior	Pataskala
Moore, William McKinley	Freshman	Nellie
Morehead, Lewis B.	Sophomore	Groveport
Morgan, Ben D.	Sophomore	Middletown
Moses, Clarence Flavel, S. S.	Senior	Powell
Moye, Marion Atmah	Special	Savannah, Ga.
Mozier, Mildred Irene	Sophomore	Mt. Gilead
Mulford, Hewett P.	Sophomore	Lebanon
Mulford, Marion Reader	Freshman	Lebanon
Murray, Guy Joseph	Freshman	New Paris
Mutchler, Dwight Olin	Freshman	Rutland
Myers, Maurice Richard	Sophomore	Archbold

Name	*Rank*	*Home Address*
Mylander, Alfred Lewis	Senior	Oak Harbor
Nass, Emil Robert	Special	Wickliffe
Neff, Mary Louise	Freshman	Mt. Sterling
Neiding, Erwin Carl	Freshman	Vermilion
Neill, Sheldon White	Freshman	Venice
Nelp, Velma	Freshman	Lockbourne
Nelson, George C., S. S.	Senior	Cleveland
Nelson, Martha V.	Sophomore	Washington C. H.
Nelson, S. Graham	Senior	London
Nelson, Walter Reinold	Freshman	Ashtabula
Nemecek, Andrew James	Senior	Lorain
Neu, Arthur Harold, S. S.	Senior	Felicity
Newell, Theodore Richard	Junior	Lakewood
Newton, Wilhelmina Dorothy	Sophomore	Oswego, N. Y.
Nice, Helen Louise	Sophomore	Columbus
Nichols, Mahlon Pancoast	Freshman	Leetonia
Nicholson, Charles, S. S.	Sophomore	Cuzco, Ind.
Niehaus, Elmore Rudolf	Junior	Cincinnati
Nitschke, Clara Lillian	Freshman	Columbus
Noble, Willis Bernard	Senior	St. Marys
Noffsinger, Ernest Donald	Junior	Bladensburg
Norris, Marjorie	Freshman	Columbus
Norris, Richard Albert	Sophomore	Dayton
Northcraft, Miriam W.	Sophomore	Columbus
Nothstine, Mildred Elenora	Sophomore	Circleville
Nowery, Mary Louise	Freshman	Parkersburg, W. Va.
Nussdorfer, Paul A.	Sophomore	Uhrichsville
Nussbaum, Charles	Senior	Philadelphia, Pa.
Nyhart, Howard Eldwin, S. S.		Danville
Oberlin, Russel Warner	Freshman	Navarre
Obrist, Eva Esther	Junior	Portsmouth
Oder, Newell S.	Freshman	Chatfield
Olinger, Boyd Atkinson	Freshman	Dayton
Osborne, Margaret Elizabeth	Freshman	Columbus
Ott, Adelaide Elizabeth, S. S.	Sophomore	Columbus
Paddock, Francis Wendell	Junior	Columbus
Paisley, Ethan Allen, S. S.		New Concord
Palmer, James Dwight, S. S.	Senior	Cleveland
Pancake, Aaron	Freshman	Convoy
Parish, Cloyce LeMoine	Sophomore	Richwood
Park, Helen Winifred	Freshman	Toledo
Park, James Holden	Sophomore	Addison, N. Y.
Parkinson, Frank Hirsh	Freshman	Warnock
Parman, Wesley Herman	Sophomore	Toledo
Parrish, William M.	Sophomore	Carnegie, Pa.
Patchell, James Marion, S. S.	Sophomore	Batavia
Patten, William Frank	Senior	Troy
Paulus, Albert Joseph	Special	New Milford

Name	*Rank*	*Home Address*
Peabody, Dwight VanDorn, S. S.		Oberlin
Peck, Palmer Curtis	Freshman	Clarksburg
Penfound, Frederick William	Senior	Elyria
Penne, Matthew Edwin	Special	Columbus
Pepseco, Eunice Viola, S. S.	Sophomore	Chillicothe
Perry, Hollis Cole	Sophomore	Bridgeport, W. Va.
Peterson, Albert Finch	Junior	Frankfort
Peterson, Charles J., S. S.	Sophomore	Columbus
Peterson, Willard Russell	Junior	Frankfort
Phelps, Gordon George	Freshman	Cleveland
Pickering, Harold Hunter	Sophomore	Lancaster
Pierce, Jaymes Malachi	Freshman	Dayton
Pifer, Kenneth Elwood	Sophomore	Willshire
Plymale, Norton Ewart	Junior	Kenova, W. Va.
Plymale, Russell Clifford	Sophomore	Kenova, W. Va.
Podlick, Williard George	Sophomore	Grafton
Pollard, Martha Eby	Junior	Toledo
Pollock, Calvin McNary	Sophomore	St. Clairsville
Pontius, John A.	Senior	Canton
Porter, Mrs. Glover	Special	Columbus
Poston, George Allan	Senior	Columbus
Potter, Willard Hamilton	Junior	Auburn, N. Y.
Powell, John Lester	Sophomore	McCutchenville
Powell, Merritt	Freshman	McCutchenville
Powers, Sterling Coe	Sophomore	Ravenna
Powers, Stuart Croft	Freshman	Ashley
Prather, Earl McClellan	Sophomore	Felicity
Price, John Worthington	Senior	Plain City
Price, Thomas Drees	Sophomore	Porto Alegre, Brazil
Prichard, Mildred	Sophomore	Portsmouth
Prillerman, Ednora Mae	Sophomore	Institute, W. Va.
Proctor, Frank Hayes	Sophomore	Fleming
Pugh, Lucile	Senior	Angola, Ind.
Py, Maybelle Laura	Freshman	Lorain
Quecke, Herman Michael	Special	Columbus
Raber, Mabelle Mae	Senior	Uniontown
Radebaugh, Faith	Freshman	Columbus
Rainey, Katharine Frances	Sophomore	London
Ralston, James Raymond	Freshman	Smithfield
Ramge, Edwin Henry	Senior	Wapakoneta
Ransower, Ethel	Freshman	Columbus
Raub, Paul H.	Freshman	Larue
Ray, Hugh Willet	Freshman	Omega
Rea, Park	Special	Marietta
Reber, Thomas Albert	Senior	Upper Sandusky
Redwine, Owen Tatum	Special	Park Mountain, N. C.
Reed, Ernest Howard	Senior	Cumberland
Reed, George Edward	Junior	Uhrichsville

Name	*Rank*	*Home Address*
Reed, Henry L.	Senior	Wilmot
Reed, James Harris	Sophomore	Apple Creek
Reese, Mary Evelyn	Freshman	Alexandria
Regelsburger, Joseph Charles, S. S.	Senior	Columbus
Reid, Constance Isabelle	Freshman	Conneaut
Reiling, Lloyd	Special	Brookville
Remy, Theron P.	Senior	Columbus
Renick, Helen Taylor	Freshman	Columbus
Rich, Thelma	Freshman	Columbus
Richardson, Archie Merrill	Senior	Pittsburgh, Pa.
Richardson, Homer Clay	Junior	Cleveland
Richardson, Orville Sherman	Freshman	Brooklyn Station
Riegel, Chester Lee	Sophomore	Amanda
Riegel, Martha Dorothy	Sophomore	Amanda
Riley, Elizabeth	Freshman	Birmingham, Ala.
Rinear, Louis Charles	Freshman	Brecksville
Rittenour, George Nortor	Junior	Chillicothe
Roberts, Clyde Francis	Sophomore	Cygnet
Robinson, Clifford W.	Sophomore	Van Wert
Robinson, James McClish	Freshman	Leipsic
Robinson, Neil Snow	Sophomore	Mansfield
Robison, Marie	Freshman	Washington C. H.
Roe, Ryerson Adelbert	Freshman	Monroeville
Rofkar, William Frank	Junior	Port Clinton
Rogers, Lorena	Freshman	Salem
Rohde, Clarence Carl	Sophomore	Brunswick
Rohe, Ottilie Esther	Sophomore	Columbus
Roof, Susan	Junior	Franklin
Rosenbery, Chauncey C.	Freshman	Dover
Rosenberg, Max	Special	Terre Haute, Ind.
Ross, Ara Carr	Freshman	Felicity
Roth, Burtis Page	Freshman	Lakewood
Rouch, Bayard Allen, S. S.	Freshman	Andrews, Ind.
Roudebush, James F.	Special	Newtonsville
Roush, Ulric Coburn	Junior	Hillsboro
Rowalt, Ralph K.	Sophomore	Cincinnati
Rowland, Harry B.	Junior	New London
Rudel, Roy Ralph	Senior	Chillicothe
Ruddell, Stephen Lewis, S. S.		Springfield
Ruffner, Eldred, S. S.	Junior	Columbus
Rupert, Glenn Frenzo	Senior	New Waterford
Rutman, Louis Tobias	Freshman	Cleveland
Ryan, Wallace Templeton, S. S.		Huntsville
Ryder, Dorothy Gayle	Freshman	Columbus
Rymer, Edith, S. S.	Junior	Harrisville, W. Va.
Sachs, Maurice	Special	Dayton
Sadow, Louis	Freshman	Plymouth, Mass.
Sanderson, Albert B., S. S.	Junior	Columbus

Name	*Rank*	*Home Address*
Sandrock, Arthur Henry	Sophomore	Elyria
Sanford, Morris Brown	Senior	London
Sargent, Garratt Bradford, S. S.	Sophomore	New Philadelphia
Sato Atsushi	Senior	Japan
Satow, Mitsugi	Senior	Japan
Saverson, Irwin Leroy	Junior	Shepard
Saylor, Thomas Rudd	Sophomore	Xenia
Scanlon, Charles Henry	Freshman	Somerset
Schaeffer, Walter Ernst	Freshman	Wyoming
Scheffler, Helen Adele	Freshman	Zanesville
Schickedantz, Joseph Elbert	Senior	Selma
Schlitt, Glenna Lucile	Freshman	Columbus
Schlosberg, Morris	Special	Atlantic, N. J.
Schmidt, George Jacob	Junior	Bainbridge
Schofield, John R.	Sophomore	Chesterhill
Schoger, Masie Catherine	Junior	Cleveland
Schrider, George Webber	Senior	Bryan
Schrock, Eunice Louise	Junior	Worthington
Scott, Harry Foster	Senior	Cumberland
Secrist, Albert Carl	Freshman	Bellville
Sedgwick, Josephine	Sophomore	Columbus
Sexton, Virgil	Freshman	Dayton
Shackson, Clyde Foster	Junior	Chagrin Falls
Shahnazarian, Sempad	Freshman	Armenia
Shanafelt, Mark R.	Sophomore	Kent
Shaner, Bernice Louise	Freshman	Newark
Shanklin, Alfred E., S. S.		Ada
Sharp, Celestine	Senior	London
Sharp, Harris Clay, S. S.	Senior	Sidney
Sharp, Robert Lee	Sophomore	Sugar Grove
Shaw, Angeline	Freshman	Columbus
Shaw, Loren Patton	Junior	Utica
Sheffield, Mason Hale	Freshman	Marenci, Mich.
Shepherd, Edison	Sophomore	Madisonville
Sheppard, Medrith Ann	Freshman	Mt. Sterling
Sherer, Kathryn Rebekah	Freshman	Galion
Sherwood, Harold Millikin, S. S.	Sophomore	Plain City
Shilliday, Norman Hughes	Sophomore	Ravenna
Shilling, Mary Lucille	Freshman	Columbus
Shook, Anita Marion, S. S.	Sophomore	Columbus
Shride, Dema Marguerite	Freshman	Circleville
Shriver, John Leslie, S. S.	Special	Sistersville, W. Va.
Shutt, Wayne	Freshman	Sugar Creek
Sidell, Henry	Freshman	Bexley
Sigrist, Eleanor	Freshman	Columbus
Silver, Elbert Vincent	Sophomore	Pittsburgh, Pa.
Simon, Marshall C.	Special	Youngstown
Siniff, Ralph Marion	Special	Columbus

Name	*Rank*	*Home Address*
Skeele, Helen C., S. S.	Senior	Columbus
Skidmore, John Creviston	Freshman	Union City, Ind.
Skidmore, Robert B.	Freshman	Union City, Ind.
Skinner, Agnes Mae	Sophomore	Washington C. H.
Skinner, Martha L.	Junior	New Holland
Slabaugh, Edith Mildred	Senior	Celina
Slager, Harold Evans	Sophomore	Chillicothe
Slentz, Roy	Sophomore	Napoleon
Smith, Arthur Hastings	Junior	Scio
Smith, Bob Bill	Freshman	Upper Sandusky
Smith, Floyd Franklin	Sophomore	Brunswick
Smith, Franklin Scott	Sophomore	Oakley
Smith, Hilda Mary	Freshman	New Brighton, Pa.
Smith, Howard Raymond	Senior	Dayton
Smith, Joseph Samuel	Sophomore	Groveport
Smith, Kenneth Frost	Freshman	Hillsboro
Smith, Mary Harriett	Sophomore	Troy
Smith, Mildred Rebecca	Senior	New Brighton, Pa.
Smith, Paul C.	Freshman	Rawson
Smith, Phillip Burr	Freshman	Springfield
Smith, Raymond Vinson	Junior	Cincinnati
Smith, Verna Bernice	Freshman	Washington, D. C.
Smith, Walter Wilbur	Junior	Dayton
Snapp, Herbert Levere	Freshman	Columbus
Snyder, Mildred	Freshman	Mt. Sterling
Snyder, Ross Leland	Junior	Quincy
Soghikian, Horen	Special	Detroit, Mich.
Sorensen, Andrew L.	Freshman	Richfield
Sommer, Helen Emma	Senior	Lakewood
South, Dorothy Elizabeth	Freshman	Columbus
Spayde, Glenn, S. S.	Sophomore	Bellville
Spear, Robert W.	Senior	Wooster
Speed, William Stanley	Sophomore	Cleveland
Spence, Gertrude E.	Senior	Martins Ferry
Spiers, Robert Hugh	Senior	Freedom Station
Spilker, Ray Carl	Senior	Perrysburg
Sprang, Gailord	Sophomore	Perrysburg
Springer, Ruth	Freshman	Reynoldsburg
Spurney, Carl Richard	Freshman	Cleveland
Stacy, Dewey D.	Senior	Marietta
Stacy, Doris Spratt	Freshman	Marietta
Startzman, Paul H.	Sophomore	DeGraff
Steel, Harry Dwight	Freshman	East Sparta
Steele, Dewey George	Senior	Quaker City
Stegman, Harry Walter	Sophomore	Elyria
Steiger, Florence Mary	Junior	Hamilton
Stein, Sigmund Francis	Sophomore	Rocky River
Steiner, Aleen	Sophomore	Kenton

Name	*Rank*	*Home Address*
Stetter, John Elmer	Freshman	Norwood
Stevens, Martha	Junior	Plain City
Steward, Elsie Elizabeth, S. S.	Senior	Stoutsville
Stockman, Remington Elias	Freshman	Marion
Stoltz, Dale	Freshman	Gettysburg
Stoneburner, Charles W.	Sophomore	Salesville
Stoner, Daniel Clay	Freshman	Dayton
Stough, David Octavus	Senior	Mansfield
Stout, Whitney B.	Sophomore	Circleville
Strachan, Robert C.	Junior	Cleveland
Strickler, Ross Nelson	Sophomore	Amanda
Strow, Raymond Kenneth	Senior	Milton Center
Studebaker, Helen A.	Senior	Tippecanoe City
Studer, Eldon Weaver	Sophomore	Cincinnati
Studer, Walter Harold	Freshman	Adamsville
Sutton, Acil Allen	Freshman	Union City, Ind.
Sutton, Robert John	Freshman	Wooster
Swagler, Wilbur C.	Sophomore	Scenery Hill, Pa.
Swanson, Bruce	Senior	Loveland
Swanson, Lillie	Senior	Loveland
Swerer, Sarah Marie	Senior	Columbus
Swern, Eva Kathleen	Freshman	Newark
Swihart, Robert Emmet	Freshman	Harpster
Swingle, Homer Scott	Freshman	Columbus
Tanner, Margaret Jessie	Sophomore	Columbus
Taylor, Frances Pittinger	Sophomore	Dell Roy
Taylor, Mary Stewart	Junior	Portsmouth
Teegarden, Anna Lorene	Special	Greenville
Teeling, Hazel Echo	Sophomore	Millersburg
Temple, Mildred Iona	Freshman	Cambridge
Thomas, Edgar Landon	Sophomore	Rogers
Thomas, Nanna Altrude	Freshman	Columbus
Thomas, Robert Leroy	Freshman	Dayton
Thomas, Roger Mercer	Freshman	New Waterford
Thompson, Chester Arthur	Freshman	Fostoria
Thompson, Thomas Edward	Special	Grove City
Thomssen, Paul Correll	Special	Cincinnati
Thrall, Fred McGue	Sophomore	Cleveland
Tibbitts, John Clare	Sophomore	Brunswick
Tillson, Harold Crawford	Sophomore	Willard
Timmons, George	Junior	New Holland
Tippett, Harold Martin	Sophomore	Sunbury
Tissot, Archie Newton	Sophomore	Winchester
Titterington, Dwight Wilbur	Sophomore	Chagrin Falls
Tobias, Daniel Milton	Special	Columbus
Todd, Aletha Grace	Senior	Wakeman
Towe, Zola Crystal	Sophomore	Haviland
Tribby, Marshall Carlton	Senior	Perry

Name	*Rank*	*Home Address*
Trimby, Francis Henry	Freshman	Columbus
Trinkner, Perry Edward	Freshman	Cleveland
Tripp, Donald Worth	Sophomore	Columbus
Trisler, George Eliott	Senior	Cincinnati
Troeger, Urban Henry	Sophomore	Defiance
Trucksis, Melville Curtiss, S. S.	Sophomore	Troy
Twitchell, Harold Preston, S. S.	Senior	Columbus
Uncopher, George E.	Junior	Marion
Underwood, Claude R.	Senior	Lost Creek, W. Va.
Utz, Erwin Jacob	Freshman	New Washington
Valentine, Mary	Sophomore	LeRoy
Vandeveer, Horace Vinton	Freshman	Troy
Vanlandingham, William R.	Junior	Loveland
Van Pelt, Harold	Sophomore	Xenia
Varney, Herbert Henry	Sophomore	Chardon
Virtue, Raymond S., S. S.	Senior	Iberia
Wadsworth, Dorothy Mae	Freshman	Columbus
Wagner, Hoy William	Junior	Fredericktown
Wagy, Melville G.	Sophomore	Summit Station
Wahlenmaier, Henrietta	Special	Columbus
Walker, James Thomas, S. S.		Zanesville
Walker, Margaret Marian	Junior	Columbus
Walker, Ruth Marianne	Junior	Gambier
Wallace, Roscoe W.	Junior	New Carlisle
Wangler, Ursula Ambrose, S. S.	Junior	Columbus
Warner, Roger Barton	Junior	Woodstock
Warren, William	Sophomore	Hilliards
Watt, Richard H.	Senior	Circleville
Weaver, Chester Alphus	Freshman	Marysville
Weaver, David S., S. S.		Cincinnati
Weaver, Frederick Mowery	Senior	Circleville
Weaver, Irvin Hoffman	Junior	Columbus
Weaver, Walter Frederick	Junior	Marysville
Webb, Mahlon Roy	Freshman	Sycamore
Webster, James Elias	Freshman	Norwich
Webster, Margie Jane	Junior	Bryan
Weeks, Gerald Robinson, S. S.	Sophomore	Columbus
Weingart, Rolland Edward	Freshman	Salem
Weiser, Harry Howard, S. S.	Sophomore	Delaware
Weishaupt, Clara Gertrude	Sophomore	Lynchburg
Weller, Philip Beverly	Freshman	New Lexington
Wells, Howard Mitchell	Junior	Alice
Wenzke, Herman Henry	Senior	Celina
West, Florence	Junior	Perry
Westervelt, Helen	Freshman	Columbus
Whinnery, Sylva M.	Junior	Salem
Whitaker, Lois Elizabeth	Freshman	Dublin
White, Ruth L.	Junior	Columbus

Name	*Rank*	*Home Address*
White, Sedwick Day	Freshman	Rutland
Whittington, William Pruden	Freshman	Van Wert
Wieche, Robert H.	Senior	Hamilton
Wight, Merritt Arthur	Senior	Millbury
Wikoff, Charles Henry	Senior	Columbus
Wikoff, Walter Meredith	Sophomore	Columbus
Wilcox, William Mark	Junior	Powell
Wildermuth, Ardine	Freshman	Columbus
Wildermuth, Lucile Eva	Senior	Columbus
Wilkerson, William Neal	Junior	Osborn
Wilkinson, Clyde Raymond	Sophomore	Hilliards
Williams, Dorothy	Freshman	Hanover
Williams, Grant T. A.	Special	Yellow Springs
Williams, H. Dana	Junior	New Vienna
Williams, Warren Cicero, Jr., S. S.		LaFayette, Ky.
Williard, Marjory E.	Senior	Ravenna
Willis, Darlene Edna	Junior	Chebanse, Ill.
Wilson, Clifford Alexander	Freshman	Mt. Victory
Wilson, Frank Dutton	Sophomore	Burton
Wilson, Harold Newton	Junior	Fredericktown
Wilson, Homer	Freshman	Sparta
Wilson, Marie A.	Sophomore	Columbus
Wilson, Nona Marie	Junior	Sidney
Wind, Ebbe Jensen	Senior	Rocky River
Windsor, Star H.	Special	Marietta
Wing, David Grant	Senior	Mechanicsburg
Wiseman, Egeva Blossom	Senior	Columbus
Wissinger, Charles Gerald	Senior	Conemaugh, Pa.
Wissinger, Herbert John	Sophomore	Laura
Wolcott, Leonard Lyman	Sophomore	West Farmington
Wolcott, Maynard, S. S.		Buenos Aires, S. A.
Wolfe, Francis Alvin	Freshman	Bradley
Wolfe, Rosalie Lucille	Senior	Danville
Wolfram, George Stewart	Freshman	Columbus
Womeldorf, Harry Clyde	Special	Columbus
Woodburn, George Logan	Freshman	Urbana
Woodburn, Robert Logan	Freshman	Urbana
Woodhouse, Lucien Harrell	Junior	Sigma, Va.
Woodrow, Alan Wardlow	Freshman	Raymond
Woodrow, Marvel Amanda	Senior	Columbus
Worcester, Marion E.	Junior	Oberlin
Work, Samuel Healea	Sophomore	Dennison
Wright, Dorothy Elizabeth	Junior	Columbus
Wright, Gerald Stafford	Sophomore	Granville
Wright, Herbert Condon	Senior	Granville
Yankush, George	Freshman	Monastir, Macedonia
Yerger, Helen Marie	Freshman	Boyertown, Pa.
Yochum, Karl Everett	Freshman	Mowrystown

Name	*Rank*	*Home Address*
York, Florence F.	Junior	Versailles
Young, Anna Katherine	Senior	Columbus
Young, Erwin Kirk	Sophomore	Zanesville
Young, Florence M., S. S.	Junior	Cleveland
Young, Hoylande D., S. S.	Junior	Columbus
Young, Lamar Alva	Sophomore	Mineral Ridge
Young, Paul Aldo	Sophomore	Medina
Yount, Hubert William	Senior	Toledo
Yun, Young Sun	Senior	Columbus
Zaratan, Gualberto Madrid	Freshman	Aquilar, P. I.
Zeisert, Earl E.	Sophomore	Brookville
Ziegfeld, Lillian Clara	Sophomore	Columbus
Zollinger, Howard C.	Senior	Thornville

THREE-YEAR COURSE IN AGRICULTURE

Allison, Bedford, Jr.	Second	Columbus
Allman, Noel C.	First	Delaware
Anderson, Benjamin E.	First	Prospect
Anderson, Earle G.	First	Sidney
Andrew, Edgar E.	First	Inkhorn, Idaho
Ary, Carl W.	Third	Jeffersonville
Ashman, Henry A.	First	St. Henry
Baker, Ethan C.	First	Winchester
Baker, George L.	First	Cleveland
Baker, Nealy R.	Third	Leavenworth, Ind.
Banks, Louis A.	First	Elkhart, Ind.
Barber, Frank G.	First	Dayton
Barr, Albert G.	First	Amanda
Barth, Leonard H.	Second	Poland
Becker, Clarence E.	First	Mentor
Birkmeyer, Ernest H.	First	Coldwater
Blackburn, Lloyd	Third	Cable
Blosser, Lewis Fred	Third	Cincinnati
Brandeberry, Howard D.	First	Cutler
Bratten, Robert C.	First	Dayton
Bratton, David E.	Second	Ashtabula
Brinker, Reid E.	Second	Alvada
Brown, Harvey Guy	Second	New Springfield
Brown, James W.	Special	Reynoldsburg
Brown, Jesse G.	First	Galion
Bucholtz, George	First	Toledo
Burrier, Ross M.	Third	Amsterdam
Carey, Ralph E.	Second	New Vienna
Cawrse, Morris G.	First	Wakeman
Chace, Howard L.	First	Cincinnati
Champion, Rodger A.	Second	Perry
Chandley, Paul G.	First	Plain City
Chapman, Charles	Third	Chardon

Name	*Rank*	*Home Address*
Cheeks, Ewell M.	First	Cleveland
Clapp, Harry A.	First	Garrettsville
Cobbs, James A.	Third	Indianapolis, Ind.
Coppock, David M.	First	Perry
Cox, Carol M.	Third	Columbus
Crosley, Byron	Second	Roachdale, Ind.
Crosthwait, Francis M.	Second	Williamstown, Ky.
Crow, Robert W.	First	Buckland
Crunden, Robert H.	First	Chicago, Ill.
Cuppy, Harry M.	First	Ashland
Daniels, John Leroy	Second	Fredericktown
Daubenbis, William F.	Second	Cincinnati
Davidson, Mark	Second	Cayuga, Ind.
Davies, Daniel E.	First	Hume
Deaterly, David	First	Fayette City, Pa.
Denkewalter, Ritter	Third	Columbus
Denny, William L.	Second	Adams Mills
Dickason, Norman C.	Third	Wooster
Dimick, Leland M.	First	Bowling Green
Ditmars, D. Doyle	Second	Holmesville
Doherty, Walter L.	First	Cleveland
Dostalik, Joseph E.	Third	Fair Oaks, Pa.
Dougherty, Samuel M.	Second	Newcomerstown
Douglas, Byron	First	Columbus
Douglas, Elliot H.	First	Mt. Sterling
Dunn, Chester Purdy	First	Columbus
Dute, Reuben A.	First	Amherst
Dye, Carl	Second	Broadacre
Eakin, John W.	First	Lockbourne
Easton, Merl W.	First	Colebrook
Eliason, Holland D.	Third	Anderson, Ind.
Ellis, Charles F.	First	Greensfork, Ind.
Eschtruth, Arthur A.	First	Elyria
Fankhauser, George K.	First	Powhatan Point
Ferguson, Clark E.	First	Madison
Fley, Elbert	Second	Georgetown
Freese, Harold W.	First	Tiro
Frost, William C.	Third	Piqua
Fudger, Donald M.	Second	Mechanicsburg
Garber, Clark A.	Third	Bellville
Geisbuhler, Arthur H.	Second	Woodville
Giffin, Frank Irwin	Third	Bellaire
Glibert, DeVer L.	First	Akron
Gillfillan, Walter A.	First	Starms
Gillman, Walter	First	Sidney
Given, George B.	Second	Urbana
Glick, Cecil A.	First	Napoleon
Goff, Leston D.	First	Martins Ferry

Name	*Rank*	*Home Address*
Good, Forest I.	Second	Miamisburg
Goodwin, Russell T.	First	Massillon
Greenlee, Chester B.	Third	Dayton
Hadley, Clifford L.	Second	Clayton, Ind.
Hadley, Herschel T.	First	Cortland
Harding, Wilbur N.	First	Columbus
Harris, Raymond S.	First	Dayton, Ky.
Haslup, George	Second	Osborn
Hassler, Leon P.	First	New Washington
Hendricks, John D.	Second	Bowling Green
Henninge, Clarence Y.	Third	Jaite
Henry, Gloyd A.	Second	West Toledo
Herd, Ralph A.	First	East Liberty
Hessling, Elmer	First	Cincinnati
Heyman, Harold W.	First	Monroeville
Hickman, James D.	First	East Liverpool
Hildreth, Charles B.	First	Worthington
Hine, Marvin B.	First	Columbus
Hitchcock, Nelson G.	Second	Grafton
Hoelscher, John H.	Second	Covington, Ky.
Holbein, Clarence L.	First	Zanesville
Huddle, Harold E.	Second	Sycamore
Hughes, Don R.	First	Delaware
Hughes, Harold E.	Second	Lancaster
Hunter, William F.	Second	Columbus
Husted, N. Luther	Third	Hicksville
Ingersoll, John	Third	Cleves
Irons, Everett E.	First	Lebanon
Johnson, Cecil C.	First	Greenfield
Jones, John L.	Second	Camp Chase
Kearns, Elmer B.	First	Zanesville
Keeney, Irving S.	Second	Columbus
Kier, Noah F.	First	Washington C. H.
Kingsbury, Lyall D.	First	Bascom
Kress, Fred J.	First	Georgetown
Lafferty, Halsey H.	Second	Cadiz
Lathrop, Clarke E.	Second	Wellington
Lawrence, John G.	First	Coshocton
Leas, Bert, Jr.	Third	Delaware
Lee, Chester W.	Second	Gallia
Leeper, Roland L.	Third	Marion
Lemert, Mark	First	Napoleon
Lent, David H.	First	Dayton
Linn, Wallace M.	Second	Marion
Loudon, Willard C.	First	New Washington
Ludwig, J. Park	First	Helena
McCallum, John	Second	Alliance
McCutcheon, William T.	Third	Reedy, W. Va.

Name	*Rank*	*Home Address*
McDonald, Charles C.	Third	Lancaster
McFarland, Clarence H.	Second	New Wilmington, Pa.
McFarland, Ralph H.	Second	Hume
McNeill, Paul J.	First	Columbus
McNutt, Clinton A.	Third	Forest
Mahan, Walter D.	First	Cortland
Maier, Edwin B.	First	Boonville, Ind.
Massie, Thomas C.	Second	Edinburgh, Va.
Matthews, Otis R.	First	Greencastle, Ind.
Mattingly, Clarence J.	Third	Zanesville
Mautz, Oscar H.	Third	Marion
Mellott, Hylas A.	First	Mt. Gilead
Merry, Read	Second	Wattsburg, Pa.
Miller, Clarence W.	Second	Columbus
Miller, David F.	First	Hickory, Pa.
Miller, Howard W.	First	Williamsport
Miller, John R.	First	Toledo
Mizer, Emerson A.	First	Isleta
Moore, Edgar I.	Second	Lancaster
Moseley, Paul J.	First	Ostrander
Moses, Otho A.	Second	Perry
Moyer, Raymond E.	Second	Cadiz
Myles, Ralph M.	Second	LaRue
Naukler, Helge	Second	Columbus
Neff, David E.	Third	Bucyrus
Nicolas, Fernando M.	First	Baliwag, P. I.
Nouse, E. Wayne	Third	Columbus
Noxon, Harold J.	First	Kinsman
Oberschlake, Lewis P.	Second	Hamersville
O'Maley, Thomas H.	Second	Verona, Ky.
Osburn, Lee V.	Second	Scio
Patterson, George Allen	First	Wellsville
Penn, Burch J.	First	New Vienna
Place, Ellsworth B.	Second	Walkerton, Ind.
Pollitt, Chester M.	Special	Amelia
Poorman, Leo	Second	Wauseon
Post, Charles H.	Third	Chagrin Falls
Rees, Jay Brooks	First	Piqua
Reutter, Richard Henry	Third	Valley City
Rich, Jacob W.	Second	Sarahsville
Richards, Lawrence D.	First	New London
Ried, Theodore K.	First	Castalia
Robinson, G. G.	Second	Columbus
Roscoe, George R.	Second	Greenwich
Rose, Wilbur E.	Second	Greenfield
Russell, Clem W.	First	Bowling Green, Ky.
Russell, Simeon J.	First	Norwood
Rutan, Rolland F.	Second	Mechanicsburg

Name	*Rank*	*Home Address*
Ryant, John L.	Second	Galena
Sands, Otto D.	Third	Pennsville
Sayle, Walter J.	First	Shaker Heights
Schneider, Ralph J.	Second	Canton
Schwarz, Harry C.	First	Cleveland
Selck, Theodore J.	First	Mt. Victory
Shaffer, George J.	First	Spencerville
Sharp, Frank Edward	First	Sugar Grove
Sharp, James D.	Special	Idaville, Ind.
Sheeter, Hilary H.	Second	Bascom
Shell, Otmer P.	First	Summerfield
Sidell, Roland T.	First	Columbus
Slane, Charles V.	Third	Granville
Slater, Curtis F.	Third	Andover
Smith, Lucien E.	First	Cleveland
Sonner, Kenneth C.	Second	Delaware
Stacy, Harold	Special	Lowell
Starr, Laurence	First	Litchfield
Stebleton, Cecil	Second	Payne
Strawn, Oren Otis	Third	Columbus
Studer, Raymond J.	Second	Edgerton
Stump, Ford L.	Second	Convoy
Taylor, John Thomas	Second	Berkey
Taylor, Robert Phillip	First	Arab, Ala.
Taylor, Zephaniah L.	Second	Bristow, Ind.
Temple, Joseph V.	Third	Prospect
Thalmann, Wilbur	Second	Georgetown
Thomas, Garth A.	Third	Dorset
Thompson, Everett D.	First	Rochester
Thurston, Walter A.	Second	Johnstown
Tomlinson Wilbur C.	First	Madison
Torbert, Lawrence A.	Second	Crooksville
Umbstaetter, Walter	First	North Ridgeville
Utz, Lester J.	Second	Attica
Vogelmeier, Edward L.	Second	Newark
Wagner, Harold H.	Second	Pedro
Walker, Reed	Second	Mansfield
Wallace, William A.	Second	Jacksontown
Ward, Verle Strong	Second	St. Paris
Warden, Hugh N.	Third	Napoleon
Warner, Charles L.	First	Cleveland
Weaver, Edward M.	Third	Marysville
Weaver, Erwin V.	First	Wooster
Wenger, Harry	First	Clayton
West, Paul Jones	Second	Ripley
White, John T.	Third	Hickory, Pa.
White, Louis E.	First	Wheelersburg
White, Seldon J.	Second	Alfred

Name	*Rank*	*Home Address*
Whitmer, Ammi P.	Second	Jeffersonville
Wiley, Hugh A.	First	Sidney
Williams, William Lloyd	First	Walhonding
Winkler, Arnold C.	First	Morrow
Workman, Floyd T.	First	Walhonding
Worsley, Stephen J.	First	Lakewood
Worthington, Walter G.	First	Chesterhill
Young, Elvis H.	First	Lebanon
Youngman, Furry S.	First	Windham

APPLIED OPTICS

Name	*Rank*	*Home Address*
Briggs, William Jesse	Junior	Shelby
Caverly, Francis	Sophomore	Springfield, Mass.
Davies, Lloyd Burdette	Freshman	Portland, Ore.
Davies, Morgan Cryder	Junior	Columbus
Ellis, Clarence R.	Freshman	Aberdeen
Gordon, Robert Benson	Junior	Columbus
Gould, Edward Castle	Sophomore	Toledo
Granfield, William Joseph	Freshman	Sandusky
Gygli, Roy Charles	Sophomore	Madison
Hensel, Bernard	Freshman	North Madison
Morris, Clarence W.	Senior	Columbus
Myers, Roy Edgar	Freshman	Olney, Ill.
Parker, Stephen Dwight	Freshman	Springfield, Mass.
Ritchey, Carroll	Sophomore	Chillicothe
Rowe, Albert James	Freshman	Fostoria
Scott, William Lafayette	Freshman	Orient
Sigler, Blaun Wills	Freshman	Chillicothe
Smith, Kenneth Ginn	Junior	Salem
Sparrow, Orville Newton	Freshman	Columbus
Stoner, Hubert	Freshman	Massillon
Swain, Homer E.	Freshman	Sidney
Wallace, Cedric Paul	Junior	Eugene, Ore.
Watkins, John Evan	Freshman	Steubenville
White, Joel Edward	Sophomore	Lancaster
Young, Will Franklin	Special	Columbus

COLLEGE OF ARTS, PHILOSOPHY, AND SCIENCE

Name	*Rank*	*Home Address*
Abdalla, Joy Clay	Freshman	Baltimore
Abernathy, Edward Robert	Sophomore	Columbus
Abrams, Ernest	Senior	Cleveland
Abrams, Marion Ethel	Sophomore	Lisbon
Abt, Bernard Mark	Freshman	Ada
Ackley, George Edward	Sophomore	Pomeroy

Name	*Rank*	*Home Address*
Adams, Althea Tracy	Junior	Columbus
Adams, Dorothy, S. S.	Junior	Chicago, Ill.
Adams, Harold Francis	Junior	Beaver
Adams, Jeanette Naomi	Freshman	Columbus
Adams, Lewis William	Sophomore	Beaver
Adams, Luther William	Senior	Columbus
Adams, Martha Matilda, S. S.		Clarksburg
Addison, Evert	Junior	Columbus
Agnone, Sylvester	Senior	Youngstown
Ahn, Alban A., S. S.	Sophomore	Circleville
Aiken, Lillian Elsie	Sophomore	Youngstown
Aitken, Hector MacDonald	Sophomore	Camp Chase
Akey, Olen Myrl, S. S.		Columbus
Albert, Beatrice Caroline	Freshman	Columbus
Albert, Frank John	Freshman	Columbus
Albl, Oswald M.	Sophomore	Cleveland
Alden, Hollis Nelson, S. S.		Delaware
Alexander, Glenn Howey, S. S.	Senior	Akron
Alexander, Nelle Swisher	Sophomore	Columbus
Alkire, Charles Parker	Senior	Columbus
Allen, Alice Isabel	Freshman	Toledo
Allen, Clinton Ethan	Sophomore	Youngstown
Allen, Treva Mae	Freshman	Ravenna
Allison, Harold McDowell	Freshman	Seaman
Alloway, J. Lionel	Junior	Columbus
Altdoerffer, John Allan	Sophomore	Poland
Alten, Beatrice R.	Freshman	Columbus
Altenburger, George John	Freshman	Ottoville
Amlin, Gladys, S. S.	Sophomore	Columbus
Amsbary, Loren Byrd	Freshman	Gallipolis
Anawalt, William Putnam	Freshman	Columbus
Andersen, Vivian Cook, S. S.	Special	Columbus
Anderson, Carl Ray	Freshman	Huntington, W. Va.
Anderson, Hayward Mechling, S. S.	Junior	Portsmouth
Anderson, Malcolm Graham	Freshman	Columbus
Anderson, Marie Elizabeth	Freshman	Hilliards
Andrews, Vern Harry	Freshman	Elyria
Angell, Halbert E.	Sophomore	Columbus
Anspach, Robert Goldsmith	Freshman	Cleveland
Appel, Paul Theodore	Freshman	Lucasville
Aquino, Servillano Musni	Freshman	San Luis, P. I.
Archibald, William V.	Sophomore	Wheeling, W. Va.
Arcinas, Benedicto Carmen, S. S.	Junior	Nueva Ecija, P. I.
Arenson, Hyman Louis	Freshman	Akron
Argabright, William K.	Sophomore	Waverly
Armbrecht, Robert John, S. S.	Junior	Wheeling, W. Va.
Armstrong, Priscilla M.	Freshman	Cleveland
Arnold, David Lewis	Freshman	Massillon

Name	*Rank*	*Home Address*
Arnold, Leslie Jacobs	Junior	Columbus
Arons, Max Edwin	Sophomore	Columbus
Arrowsmith, Elizabeth C.	Sophomore	Hicksville
Arrowsmith, Emily G.	Freshman	Hicksville
Arthur, Zerna Vane, S. S.		Delaware
Artz, Victor Charles	Sophomore	Fremont
Ash, Marion Louise	Sophomore	Columbus
Ashcraft, Elizabeth G.	Sophomore	Mt. Vernon
Atcheson, Windsor Kiner	Freshman	Columbus
Atha, Crawford	Freshman	Columbus
Atha, W. Hunter, Jr.	Sophomore	Columbus
August, Harry W., S. S.		Ashtabula
Avey, Naomi H., S. S.	Senior	Columbus
Axline, Dean Wise	Sophomore	Findlay
Axline, Dorothy Kathryn	Junior	Findlay
Axline, Eleanor, S. S.		Cincinanti
Bach, Harold Henry	Junior	Columbus
Backus, Georgea Alden	Junior	Columbus
Bacon, Wallace Winn	Freshman	Albuquerque, N. M.
Baden, David	Senior	Cleveland
Badger, William Wayne	Sophomore	Millersburg
Bailey, Clarence E., S. S.		Columbus
Bailey, Bethel Beatrice	Senior	Garretsville
Bainter, Donald Balo	Freshman	Strasburg
Bair, William Z., S. S.	Senior	Hanover, Pa.
Baird, Edward Graham	Junior	Bowling Green
Baird, Samuel P.	Sophomore	Columbus
Baker, Edward Francis	Sophomore	Columbus
Baker, Mildred Louise	Sophomore	Columbus
Baker, Philip Wolf	Junior	Painesville
Baker, Robert Ellsworth, S. S.		Columbus
Baker, Russell William	Freshman	Amherst
Baker, Wilda Leroy	Sophomore	Pemberton
Bakes, Frank Prophet	Freshman	Mt. Gilead
Bakos, John	Sophomore	Belle Valley
Bambach, Margaret Adelaide	Senior	Columbus
Banas, Felicia Anna	Freshman	Holyoke, Mass.
Baughman, Ralph V., S. S.		Wilmington
Banker, Mary Elizabeth, S. S.		Middletown
Banks, Mary Ruth	Freshman	Columbus
Banyai, Anna Amanda	Freshman	Cleveland
Barack, Deborah A.	Junior	New Haven, Conn.
Barber, Arthur W., S. S.		Lakewood
Barber, Knowlton	Senior	Cleveland
Barlotti, Vincent James	Sophomore	Bradley
Barnard, Frances Mary	Sophomore	East Cleveland
Barnes, Paul R., S. S.		Columbus
Barnes, Vernice	Sophomore	Paulding

Name	*Rank*	*Home Address*
Barnes, Victor Henry	Freshman	Columbus
Barnhart, Eva Elizabeth	Freshman	Canal Winchester
Barr, Chester Douglas	Freshman	Columbus
Barrett, Anne	Freshman	Springfield
Barrett, Carroll	Freshman	Nellie
Barrett, Loretta E.	Sophomore	Columbus
Barrick, Samuel James	Freshman	Columbus
Barrow, Charles Sayre	Sophomore	Carroll
Bartel, Harold Conrad	Senior	Cleveland
Bartlett, Carroll Edward	Freshman	Painesville
Basch, Coryne, S. S.	Senior	Columbus
Bascom, Theodore Ora	Sophomore	Kinsman
Batchelder, Dorothy	Freshman	Columbus
Bates, Helen	Freshman	Columbus
Bates, Robert Bryant	Freshman	Columbus
Batterham, Elizabeth	Junior	Asheville, N. C.
Batterson, James Paul	Freshman	Columbus
Bauer, Mary Louise	Freshman	Toledo
Baum, Carolyn Helen	Freshman	Cleveland
Baum, Mary Elizabeth, S. S.		Bainbridge
Bauman, Martha Cynthia	Freshman	Columbus
Bauman, Paul Rannels, S. S.		Canal Winchester
Baumann, Edna Norma	Freshman	Mannington, W. Va.
Baumgardner, Frederick Leo	Freshman	Columbus
Baumgartner, Louise Mern	Freshman	Columbus
Baumgartner, Ruth	Freshman	Columbus
Bayer, Florence Margaret	Freshman	Columbus
Bayer, Frank Victor, S. S.		Columbus
Bayha, Carl Homer	Sophomore	Columbus
Bayles, Ralph Oakley	Freshman	Powell
Bazell, Elwyn Emerson	Sophomore	Columbus
Beach, John Hepburn	Freshman	Cleveland
Beal, James B.	Sophomore	Bucyrus
Beale, William	Freshman	Columbus
Beall, Helen H.	Junior	Columbus
Beall, Ruth Carmen	Freshman	Columbus
Beard, Mary Frances	Sophomore	Columbus
Beard, Mildred Antoinette	Freshman	Columbus
Beard, Paul	Freshman	Pioneer
Beatty, Joseph Haradon	Sophomore	Columbus
Beaver, Marthalee	Freshman	Greenfield
Bebout, John William	Senior	St. Louisville
Beck, Ethel Mildred	Junior	East Palestine
Beck, Harry Wilbur	Sophomore	McComb
Beck, J. Warren	Senior	Richmond, Ind.
Becker, Daniel Dorance	Sophomore	Orrville
Becker, Herbert Frederick	Freshman	Salem
Becker, Jennie Alieda, S. S.	Sophomore	Columbus

Name	*Rank*	*Home Address*
Beckert, Carl Joseph	Junior	Piqua
Becket, Eva Ellen	Senior	Columbus
Beecher, Helen Louise	Freshman	Toledo
Beeler, Robert Logan	Freshman	Hamilton
Beem, Jerald Torrens	Freshman	Pataskala
Beery, Irene	Junior	Columbus
Beery, Violet E., S. S.		Rushville
Beggs, Jack Marsh	Sophomore	East Cleveland
Beggs, John Edward	Sophomore	Columbus
Behling, Alan H.	Freshman	Columbus
Behling, Donald Milmoe	Senior	Columbus
Behm, Helen	Special	Columbus
Belden, Scott Alexander	Freshman	Akron
Belden, Wade Alexander	Sophomore	Akron
Bell, Charles Edward	Sophomore	Cleveland
Bell, Charles Hetrick	Senior	Cambridge
Bell, Clarence Harold	Sophomore	Clarington
Bell, Frederick J.	Senior	Columbus
Bell, Louise Thelma	Sophomore	Columbus
Bellows, Lawrence R.	Freshman	Columbus
Bendell, Bertrand William	Freshman	Cleveland
Benjamin, Charles Robertson, S. S.		Sidney
Benjamin, Emilie, S. S.		Sidney
Benjamin, Mary Alice	Freshman	Columbus
Bennader, Mary Jane	Freshman	Lodi
Bennett, Dorothy Manning, S. S.	Junior	Columbus
Benton, Frank Vermilya, Jr.	Sophomore	Newport, Ky.
Bergen, William Joseph, Jr.	Sophomore	Lakewood
Berger, Gustaf Eric	Freshman	Worcester, Mass.
Bergman, Melvin Robert	Sophomore	Bellevue
Berk, Harley Henry	Freshman	Vermilion
Berman, Abraham	Freshman	Lorain
Bernardo, Anthony W.	Freshman	Ashtabula
Bershon, Albert	Freshman	Toledo
Besore, George Raleigh	Freshman	Newark
Bethel, Mary S.	Freshman	Zanesville
Betts, David Frederick	Freshman	Williamsport
Betts, Ralph Nelson	Freshman	Middletown
Biddle, Florence Irene	Freshman	Columbus
Biddle, Gilbert Henry	Sophomore	Pemberville
Bier, Marie Alice	Sophomore	Chillicothe
Bierley, Harold Charles	Freshman	Portsmouth
Biglow, Irene Turney	Junior	New London
Bigony, John Charlton, S. S.	Sophomore	Columbus
Bilger, Lloyd Edwin	Sophomore	Willard
Billington, Ava Elizabeth	Sophomore	Painesville
Binckley, Dora Cecilia	Sophomore	Columbus
Bird, George	Freshman	Fayette

Name	*Rank*	*Home Address*
Bischof, Dorothea K., S. S.		Berea
Bishop, Dreyfus Clark	Freshman	Summerfield
Bishop, Neil Norval	Freshman	Andover
Bishop, Ruth	Freshman	Toledo
Bitter, Lawrence Julius	Sophomore	Akron
Black, Eleanor Olive	Freshman	Columbus
Black, Helen Augusta	Freshman	Ashland
Black, Helen Crouse	Sophomore	Kingston
Black, Joseph Jefferson	Freshman	Cadiz
Black, Thurza David	Sophomore	Malta
Blackburn, Philip W.	Sophomore	Chillicothe
Blackwell, James Leland	Freshman	Circleville
Blair, Howard Holt	Sophomore	Mt. Vernon
Blair, Robert Aten	Freshman	Hamilton
Blair, Robert H.	Sophomore	Wapakoneta
Blake, Lloyd, S. S.		Pottersburg
Blake, Norwood E.	Sophomore	Columbus
Blakeslee, Elizabeth Alma	Freshman	Ashtabula
Blanchard, May Aungst	Senior	Columbus
Blauser, Israel Park	Senior	Basil
Blessing, Richard Austin	Sophomore	Jeffersonville
Bletz, Robert Bancroft	Freshman	Cleveland
Bliss, Chester I.	Senior	Sandusky
Bloch, Theodora Anne	Sophomore	East Cleveland
Block, Eugene	Freshman	Columbus
Bloom, William Anderson	Sophomore	Brookhaven, Miss.
Blue, Dorothy Louise	Freshman	Columbus
Blue, Lucille E.	Freshman	Columbus
Blume, George Dewey	Sophomore	New Boston
Blumert, Hyman	Freshman	Cleveland
Bly, Boyd C., S. S.	Junior	West Unity
Bly, Frank Henry, S. S.	Sophomore	West Unity
Blythe, Owen King	Senior	Franklin
Boardman, John King, S. S.	Junior	Columbus
Boda, Arthur W.	Sophomore	Mt. Victory
Bodell, John Levitt	Sophomore	Columbus
Bodfish, Henry Morton	Freshman	Columbus
Boesel, Marion Waterman	Freshman	New Bremen
Boggess, Luke J., S. S.		Carthage, Mo.
Boggs, George David	Freshman	Newark
Bohn, Frederick Louis	Freshman	Zanesville
Bolasny, Milton Edward	Freshman	Cleveland
Boldt, Paul Henry	Freshman	Canton
Bolen, Uda Mae, S. S.		Columbus
Bond, Martha Jane	Freshman	Columbus
Bonnett, Martha	Sophomore	Shreve
Bonsteel, Max Kilbourne	Freshman	Warrensville
Booton, Robert Round	Junior	Columbus

Name	*Rank*	*Home Address*
Borchers, Katherine Rebecca	Sophomore	Lancaster
Bost, Givelda	Freshman	Springfield
Botsford, Mary C.	Freshman	Fostoria
Boukalik, William Fred	Sophomore	Cleveland
Bowen, Gladys S.	Freshman	Columbus
Bowen, Janice Butin	Freshman	Columbus
Bower, Clyde Ward	Sophomore	Bowerston
Bower, Wade Disler	Sophomore	Columbus
Bowerman, Michael, Jr.	Sophomore	Cincinnati
Bowers, Donald Frederick	Sophomore	Columbus
Bowers, Stella Martin, S.S.		Tippecanoe City
Bowman, Albert Arnold	Sophomore	Cleveland
Bowman, Axel William	Sophomore	Columbus
Bowman, Gustus Karl	Freshman	Cleveland
Bowman, Lorenz B.	Senior	Columbus
Bown, Harold Stanley	Sophomore	Richwood
Bowser, Raymond Ralph	Sophomore	Dayton
Boyd, Dorothy Elaine	Junior	Columbus
Boyd, Dorothy May	Junior	Columbus
Bracken, Ursula Ruth	Sophomore	Columbus
Bracy, Harold Elvon	Freshman	Cleveland
Bradbury, Irving Lewis	Freshman	Columbus
Bradley, Charles Kingsley	Senior	Columbus
Bradley, Josephine Catherine	Freshman	Painesville
Bradshaw, Franklin Eaton	Freshman	Columbus
Braman, Harold Pier	Sophomore	Salem
Brand, Noble Grand	Freshman	Cuyahoga Falls
Brandt, Edward Charles, S.S.		New Straitsville
Brandt, Edwin Q., S.S.	Sophomore	Columbus
Brandt, Frances E.	Senior	Columbus
Brauch, Lillian Marie	Freshman	Columbus
Braun, Irma Louise	Freshman	Columbus
Braun, Virginia Clara	Freshman	Columbus
Breeze, John Lucius	Junior	Columbus
Breininger, Charles Herbert	Freshman	Columbus
Brenneman, Russell L.	Sophomore	Columbus
Bretz, Rowena A.	Sophomore	Nevada
Bretz, William Daniel	Sophomore	Columbus
Brewer, Russell Roy	Sophomore	Columbus
Brewster, Richard McCoy	Freshman	Gem, W. Va.
Breyley, Mildred Allegra	Senior	Wadsworth
Briesenmeister, John Daniel	Sophomore	Painesville
Briggs, Julia Kathryn	Freshman	Briggsdale
Brightman, Elizabeth A.	Senior	Columbus
Bringardner, Roland Joseph	Freshman	Columbus
Broderick, Thomas Richard	Freshman	Cuyahoga Falls
Brokaw, Clarke Lincoln	Freshman	Columbus
Bronsky, Samuel	Junior	Cleveland

Name	*Rank*	*Home Address*
Brooks, Dwight Mackey	Freshman	North Baltimore
Brooks, Linden Elvadore	Sophomore	Middletown
Brooks, Ned C.	Freshman	Warren
Brooks, Ronald Clayton	Freshman	Lorain
Brophy, Melba Margaret	Freshman	Columbus
Broscoe, Andrew	Freshman	Youngstown
Broscoe, Ann	Freshman	Columbus
Brother, Lawrence Beatty	Freshman	French Lick, Ind.
Brown, Earl Francis	Freshman	Ostrander
Brown, Elizabeth Melvina	Junior	Seaman
Brown, Esther Mary	Freshman	Oberlin
Brown, Helen Gould	Sophomore	Flushing
Brown, Millard Eugene	Junior	Bexley
Brown, Ralph Bernard	Sophomore	Columbus
Brown, Ray, S. S.	Senior	Columbus
Brown, Rufus Kelly, Jr.	Freshman	McConnelsville
Brown, Ruth Alberta	Sophomore	Flushing
Brown, Stowell Nelson	Sophomore	Cadiz
Brown, Thomas Lester	Freshman	Arcanum
Brown, William Thomas	Freshman	Columbus
Browne, Lillian Edwards	Junior	Columbus
Brubaker, Earl Whitten, S. S.		Ohio City
Bruce, Jeannette H., S. S.		Columbus
Brunelle, Mary Louise	Freshman	Columbus
Brunner, Clara Schachne	Freshman	Lima
Brunthaver, Harry Allen	Freshman	Fremont
Brunskill, Arthur M.	Freshman	Columbus
Bryan, Howard Lawrence	Junior	Columbus
Bryan, Laurence Leonard	Junior	Columbus
Bryant, Genevieve Lilian	Senior	Bowling Green
Bryant, Pauline Temperance	Senior	Columbus
Buchanan, David Tarbell	Sophomore	Columbus
Buchanan, William Hobart	Sophomore	Hillsboro
Buck, Maynard	Senior	Lodi
Buck, Paul Herman	Senior	Columbus
Bunn, Iras Tennie	Freshman	Columbus
Bunnell, Ruskin Spurgeon	Freshman	Burnettsville, Ind.
Burgess, Sarah Theresa	Freshman	Columbus
Burgoon, Reo D., S. S.		Wauseon
Burington, Florence Hale	Freshman	Columbus
Burke, Jenie Lee	Freshman	Hobart
Burke, Margaret	Junior	Dayton
Burke, Paul Francis	Sophomore	Youngstown
Burkett, Leslie Verne	Sophomore	Rawson
Burkholder, Ord William	Senior	Wauseon
Burkholz, Leonard Frederick	Sophomore	Columbus
Burkley, Geraldine Anne, S. S.		Columbus
Burnett, Eugene William	Special	Columbus

Name	*Rank*	*Home Address*
Burrell, Fairy Shores, S. S.		Columbus
Burris, Albert Halle	Freshman	Sabina
Burton, Helen Esther	Sophomore	Columbus
Burton, Wilbur	Sophomore	Columbus
Bush, George Leonard, S. S.		Bidwell
Bushfield, William Jack	Freshman	Cambridge
Butler, Harry Merle, Jr.	Freshman	Columbus
Butler, Helen Kathryn	Senior	Detroit, Mich.
Butler, Howard Roger	Sophomore	Greenfield
Butte, Raymond Richard	Freshman	Johnstown
Bye, Josephine	Freshman	Columbus
Byers, Mary Elizabeth, S. S.	Junior	Lilly Chapel
Cadot, Charles Donald	Freshman	Columbus
Calaway, Cullen Parmalee, S. S.	Sophomore	Ashtabula
Caldwell, Anne Davenport	Freshman	Columbus
Caldwell, Harry E., S. S.		Delaware
Calhoun, Ethel Thirza, S. S.		Canton
Calhoun, Thelma Aone	Sophomore	Keystone, W. Va.
Calkins, Ralph Lincoln	Freshman	Miami, Fla.
Callahan, William Elvin	Sophomore	Columbus
Callaway, Andrew Harry	Freshman	Mt. Hope, W. Va.
Cameron, Lochiel Stuart	Sophomore	Lanesborough, Mass.
Cameron, May	Freshman	Evansville, Ind.
Campbell, Arabelle	Freshman	Columbus
Campbell, Colin Crum	Freshman	Bainbridge
Campbell, Frederic McKee	Freshman	Salem
Campbell, Harold A.	Senior	Newark
Campbell, Helen Elaine	Freshman	Toledo
Campbell, Hobart Allen	Sophomore	Barnesville
Campbell, John Stuart	Sophomore	Cadiz
Campbell, Montgomery	Sophomore	Columbus
Campbell, Vernon Doyle	Senior	Sandusky
Canary, Evelyn Branson	Junior	Columbus
Cannell, Ruth Elizabeth	Freshman	Cleveland
Cantor, Sophia	Sophomore	Columbus
Capelle, Lucile	Junior	Columbus
Carey, Robert Glenn	Freshman	Toronto
Carlisle, Theodore Ford	Sophomore	Ashtabula
Carlson, Benjamin, S. S.		Westerville
Carlson, William Edward	Sophomore	Cleveland
Carlton, Charles Edwin	Freshman	Columbus
Carmichael, John Louis	Sophomore	Columbus
Carney, Anita Ashcraft	Freshman	Columbus
Carns, Henry Amos	Sophomore	Dover
Carothers, Eliza Jane	Junior	Sharpsburg
Carothers, Glen Dale	Freshman	Kokomo, Ind.
Carpenter, Eugene Grove	Senior	Kenton
Carpenter, George Richard	Freshman	Columbus

Name	*Rank*	*Home Address*
Carpenter, Mariam Alice	Freshman	Columbus
Carpenter, Ruth M.	Senior	Toledo
Carr, Agnes Harriett	Sophomore	Greenspring
Carran, Harriet Elizabeth	Freshman	Lakewood
Carroll, Helen Eileen, S. S.	Special	Columbus
Carroll, Thomas Joseph	Sophomore	Columbus
Carter, Earl Philip	Freshman	Greenfield
Carter, James Rowland	Freshman	Cleveland
Carter, Margaret Adelyn	Sophomore	Columbus
Carter, Violet Margaret, S. S.	Senior	Columbus
Caruthers, Ruth A.	Junior	Columbus
Cary, Helen, S. S.		Columbus
Cary, Samuel F.	Junior	Columbus
Case, Claribel	Sophomore	Jefferson
Case, Newton Jack	Freshman	Columbus
Cash, Milton Arndt	Freshman	Girard
Casper, Howard Newton	Junior	Magnolia
Castoe, Virginia	Freshman	Columbus
Catalano, Anthony Casino	Sophomore	Cleveland
Cavett, Edwin Shelby, S. S.		Norwood
Cessna, Dwight	Freshman	Kenton
Chambers, Merritt Madison	Sophomore	Mt. Vernon
Chambers, Virgil Lewis	Freshman	Huntington, W. Va.
Chamblin, Lura Bell	Freshman	Columbus
Chamblin, Walter William, S. S.	Junior	Leesburg, Va.
Chance, Harry W.	Freshman	Urbana
Chandley, Helen	Sophomore	Columbus
Chapin, Don Evertt	Freshman	Akron
Chappell, David Benjamin	Freshman	Lorain
Charles, Charles Ellsworth	Freshman	Columbus
Charlton, Charles Knight	Freshman	Columbus
Charlton, Dorthea Jane	Freshman	Columbus
Cherrington, Elsie Margaret	Freshman	Columbus
Cherry, Helene Elizabeth	Freshman	Columbus
Cherry, Miriam Page	Junior	Columbus
Chester, Jeannette Lisle	Freshman	Columbus
Childers, Dorothy Jean	Freshman	Shepard
Childers, Lucile	Freshman	Shepard
Chrisman, Neva	Sophomore	Berea, Ky.
Chrisman, Paul Castor	Sophomore	Dayton
Christiansen, Sigurd E.	Senior	Columbus
Christopher, James George	Freshman	Peru, Ind.
Chu, Chang-Tong Walter	Junior	Hangchow, China
Church, Donald Leroy	Sophomore	Lakewood
Cipriano, Frank	Freshman	Piqua
Clark, Albert A.	Freshman	Columbus
Clark, Edna M.	Special	Columbus
Clark, Eva Howell	Sophomore	Mt. Vernon

Name	*Rank*	*Home Address*
Clark, Harry Morris	Freshman	Hebron
Clark, Luther Sloane	Sophomore	Columbus
Clark, Margaret Andrews, S. S.		Columbus
Clark, May Alicia	Freshman	Medina
Clark, Serena	Freshman	Columbus
Clark, William Lawson	Freshman	Marion
Clarke, Kenneth V.	Freshman	New Plymouth
Claytor, Elizabeth	Senior	Columbus
Cleaveland, Mildred Johnston	Freshman	Columbus
Clemans, Frederick	Freshman	Mechanicsburg
Clemenger, Elizabeth B.	Junior	Akron
Clements, George Chase	Freshman	Mt. Vernon
Clendenen, Arthur Long, S. S.	Junior	Roanoke, Va.
Clendinen, Stewart Archer	Sophomore	Gallipolis
Cleveland, Marie Sarah	Freshman	Urbana
Cline, Arthur Raymond	Sophomore	Fresno
Cline, Mildred Louise	Junior	Columbus
Clum, Lotta M.	Freshman	Thornville
Coady, Robert Emmett	Sophomore	Columbus
Cobb, Fred Douglass	Freshman	Elkhorn, W. Va.
Coddington, Oscar Ludlum	Junior	Columbus
Coen, Layton Edward	Freshman	Bowling Green
Coen, Mildred Lucille	Junior	Columbus
Coffman, Paul Brown	Sophomore	Columbus
Cohan, Joseph	Freshman	Columbus
Cohen, Freda Shirley	Freshman	Logan
Cohen, Solomon	Sophomore	Cleveland
Cohn, Alex	Senior	Cleveland
Cohn, Harriet Elizabeth	Freshman	Columbus
Cole, Herbert Hugh	Sophomore	Columbus
Coleman, Gerald Hawley	Junior	Cleveland
Coleman, Marion W.	Senior	Morgantown, Ind.
Coleman, Walter Victor	Freshman	Medina
Colla, Joseph, S. S.	Senior	Youngstown
Collier, Ray Lynne	Sophomore	Lakewood
Collins, Blanche, S. S.	Sophomore	Columbus
Collins, Eva Clare, S. S.	Special	Columbus
Colmery, Warren Wesley, S. S.	Freshman	Mt. Gilead
Colopy, Stephen C., S. S.	Senior	Buckeye City
Colvin, Herbert William	Freshman	Toledo
Colvin, Joseph Hooker	Freshman	El Dorado
Colvin, Kenneth Kieth	Sophomore	Springfield
Conaway, Samuel Steele	Freshman	Steubenville
Cone, George	Senior	Columbus
Conkle, Evelyn Ferne	Sophomore	Worthington
Conley, John Ellis	Sophomore	Van Wert
Connell, Frank Gage	Freshman	Columbus
Connole, Ella Frances	Sophomore	Columbus

Name	*Rank*	*Home Address*
Connor, Raymond A.	Freshman	Conneaut
Conrad, Adolph Boustler	Freshman	Amanda
Constable, Jean	Freshman	Columbus
Cook, Ann, S. S.	Senior	Columbus
Cook, Clare Eckard, S. S.	Junior	Columbus
Cook, Marian	Freshman	Sidney
Cooke, Alice Hume	Freshman	Greenville
Cooley, Richard Seymour, S. S.		Cleveland
Coon, Elizabeth Louise	Sophomore	Columbus
Coons, Arnold Alonzo	Freshman	Kenton
Coons, Lora Cecilia	Freshman	Columbus
Cooper, Eunice, S. S.	Junior	Mt. Vernon
Cope, Harold	Sophomore	Marion
Copp, Paul Tillson	Senior	West Alexandria
Corbett, Paul Devlin	Sophomore	Cleveland
Corbett, Robert	Sophomore	Cuyahoga Falls
Corbett, Rose Lillian	Junior	Cleveland
Cordes, Horace Frederick	Freshman	Springfield
Cornwell, Gladys Juanita	Freshman	Columbus
Corzilius, Helene, S. S.	Junior	Columbus
Cosgrove, John Andrew	Freshman	Salem
Costes, Francisco S., S. S.	Junior	Mangaldon, P. I.
Cotter, Williard Earl	Junior	Columbus
Cottrell, Donald Peery	Sophomore	Columbus
Courtney, Elizabeth	Special	Columbus
Cowan, Abe	Sophomore	Columbus
Cowan, Wilby S.	Senior	Mt. Sterling
Cowin, Lawrence Raymond, S. S.		Ashtabula
Cowley, Arthur Ernest, S. S.	Senior	Columbus
Cox, Ruth Alice	Junior	Columbus
Coyle, Charles Henry	Sophomore	Columbus
Coyle, Margie Jane	Senior	Columbus
Coyle, William P.	Senior	Columbus
Cozens, Dorothy Virginia	Freshman	South Euclid
Crabtree, Thomas Gillum	Freshman	Portsmouth
Craddock, John T., S. S.		Wellington
Crafts, Clayton Edward	Sophomore	Akron
Craggs, Glenden	Freshman	Wellston
Crain, Edris	Freshman	Painesville
Cramer, Margaret Helen	Sophomore	Mansfield
Crandall, LeRoy W., Jr., S. S.	Freshman	Dayton
Crane, George B., S. S.	Freshman	Findlay
Cranston, Clyde John, S. S.		New London
Crawford, Earl R.	Junior	Titusville, Pa.
Crawford, Phoebe Emma	Junior	East Liverpool
Creamer, Frances Marguerite	Senior	Osborne
Creps, John A.	Senior	Lima
Creswell, Bertha, S. S.		Cedarville

Name	*Rank*	*Home Address*
Criger, Earl Mack	Junior	Carey
Criswell, Robert Lee	Sophomore	Haskell, Okla.
Cronin, Clesson Ellsworth	Sophomore	Barnesville
Cross, George Templeton	Sophomore	El Paso, Texas
Cross, Harold Roosevelt	Freshman	Columbus
Cross, John Norman	Freshman	Columbus
Cross, Marian Lucretia	Senior	Macon
Crossan, Corynne Clara	Sophomore	New Lexington
Crossland, David Harris	Sophomore	Zanesville
Crossley, Donald Walter	Sophomore	Lima
Crown, Emil J.	Senior	Cleveland
Crown, Walter James	Sophomore	Cleveland
Culp, Eva M.	Senior	West Mansfield
Culpepper, Charla Vesta	Junior	Wiggins, Miss.
Cumberland, Margaret Louise, S. S.	Senior	Columbus
Cummings, Evangeline	Sophomore	Painesville
Cummings, Nellie Alberta	Freshman	Cadiz
Cunix, Abe	Sophomore	Columbus
Cunningham, Neva Lucille, S. S.		Glouster
Curren, Fred Littleton	Freshman	Sabina
Curren, Walter Paul	Freshman	Sabina
Curry, Alma O.	Special	Willoughby
Curtis, Clifford Walton	Sophomore	Columbus
Curtis, Earl Castle	Freshman	Fort Recovery
Curtis, Ruth Marie	Freshman	Cleveland
Custer, William Stewart	Sophomore	Canton
Cutler, Torrence Manassah, S. S.		Westerville
Cutright, Clifford Reginald	Senior	Columbus
Czatt, John H.	Sophomore	Bowerston
Dailey, John, S. S.		Milford Center
Dalbey, Robert A.	Sophomore	London
Dallas, Ronald Heininger	Freshman	Columbus
Damron, Carl Roderick	Sophomore	Columbus
Danforth, Thomas Corwin	Freshman	Newark
Daniel, David John	Freshman	Cambria, Wis.
Daniels, Lelah Leone	Senior	Elkins, W. Va.
Dann, Eloise Fribley	Junior	Albany, Ga.
Daoust, William Lewis	Freshman	Alpena, Mich.
Darby, Margaret Alice	Sophomore	Columbus
Darmstatter, George Edward	Spohomore	Lakewood
Darrow, Josephine Bryson	Sophomore	Struthers
Davia, Helen	Freshman	Columbus
David, Catharine Frances, S. S.	Sophomore	Cleveland
Davidian, Aram Der	Freshman	Cleveland
Davidson, Joseph Edward	Freshman	Poland
Davies, Drew Lodwick, S. S.	Senior	Columbus
Davies, Hilda Irene	Sophomore	Martins Ferry
Davies, John Wykoff	Sophomore	Cridersville

Name	*Rank*	*Home Address*
Davies, William Herbert	Freshman	Girard
Daving, Lucille Clara	Sophomore	Columbus
Davis, Charles Francis	Sophomore	Columbus
Davis, Edward	Sophomore	Cleveland
Davis, Frances Vivian	Freshman	Columbus
Davis, Francis Ward	Sophomore	Columbus
Davis, Glendon Earl	Freshman	Ironton
Davis, Harlan Oliver	Sophomore	Cleveland
Davis, Hazel Belle	Sophomore	Columbus
Davis, Inez Smith	Senior	Columbus
Davis, James	Sophomore	East Liverpool
Davis, John Eldon	Special	Shawnee
Davis, John Harlan	Freshman	Mt. Vernon
Davis, Leo Slayden	Freshman	Dayton
Davis, Lorren Garred	Sophomore	Tipton, Ind.
Davis, Louise E.	Junior	Cleveland
Davis, Lucinda Fern	Freshman	Columbus
Davis, Ralph Lee	Freshman	New Vienna
Davis, Robert Joseph	Freshman	Columbus
Davis, Ruth Ellsworth	Junior	Cleveland
Davis, Webster L.	Sophomore	Columbus
Davis, Wilda Edith, S. S.		Columbus
Davisson, William Alston	Freshman	Huntsville
Dawson, John Bulsford	Sophomore	Columbus
Day, John	Senior	Brinkhaven
Day, Thomas Franklin	Sophomore	Norwood
DeBra, Harriett Lucile	Special	Columbus
Deckert, Louise Adalene	Freshman	Columbus
Deem, Ralph	Sophomore	Columbus
DeFazio, Dominick	Sophomore	Elyria
DeMar, George Edward	Freshman	Dayton
DeMelto, Victor Norman	Freshman	East Cleveland
Demson, Edward Joseph	Junior	Cleveland
Denney, Joseph Villiers, Jr.	Freshman	Columbus
Denney, Thomas H.	Senior	Columbus
Denning, Paul W.	Sophomore	Columbus
Derby, Eugene Mund	Sophomore	West Alexandria
DeRight, Esther Elizabeth	Sophomore	Williamsburg, N. Y.
Der Mott, Neil King	Freshman	Parkersburg, W. Va.
Der Mott, William Paul	Freshman	Parkersburg, W. Va.
De Roche, Firmin Frederick	Senior	New Washington
Derwin, Harriet Ellen	Junior	Columbus
Deselm, Wilbur Kirk	Senior	Cambridge
Desmond, Michael C.	Freshman	Toledo
Deuel, M. Edgerton	Sophomore	Chittenango, N. Y.
Deuschle, William F.	Sophomore	Columbus
DeVere, Don William	Sophomore	Columbus
DeVitt, Joy, S. S.		Pataskala

Name	*Rank*	*Home Address*
Dewees, Howard K.	Sophomore	Salem
DeWeese, Bernard Gordon	Freshman	Rossburg
DeWeese, Jean Vetter	Sophomore	Delphos
Diamond, Helen Marjorie	Freshman	Pittsburgh, Pa.
Diamond, Sidney Arthur	Freshman	Cleveland
Dice, Anna Mary, S. S.	Special	Columbus
Dick, Frances Ellen	Freshman	Columbus
Dicken, Robert Jesse	Freshman	Fostoria
Dickerson, John Maynard	Freshman	Youngstown
Dickinson, Maude Antoinette	Junior	Columbus
Dickson, Robert Cook	Freshman	Columbus
Dickson, Robert Orr	Freshman	Jefferson
Dieter, Dorothy Kathryn, S. S.	Sophomore	Columbus
Dieter, Howard Lee	Sophomore	Columbus
Dill, Dorothy	Sophomore	Washington C. H.
Dill, Ruth Emily	Freshman	Columbus
Dillingham, Wilma Abbie, S. S.		Columbus
Dimond, Lee Elson	Junior	Urbana
Dittmer, Ralph Theobald	Freshman	Wapakoneta
Dixon, George Lewis, S. S.	Sophomore	Coal Run
Dixon, Norm F.	Freshman	Lucasville
DoBell, Eleanor Mercedes	Sophomore	Columbus
Dobyns, Dorothy Helen	Sophomore	Hilliards
Doerzbach, Rodger Henry	Senior	Sandusky
Doig, Hal Frank	Sophomore	Cleveland
Dollings, Carlisle Otis	Freshman	Columbus
Donahey, Mary Elizabeth, S. S.	Senior	Columbus
Donavin, John Kirkwood	Freshman	Columbus
Donohoe, Caroline Hoffman	Senior	Columbus
Doolittle, Josephine Hortense	Special	Mansfield
Doran, James Lester, S. S.	Senior	Pataskala
Dorsey, John Patrick	Sophomore	Lorain
Dougherty, Agnes, S. S.	Sophomore	Cleveland
Dougherty, George William	Junior	Waverly
Dougherty, Lewis E.	Senior	Greentown
Douglas, Dorothy Beatrice	Freshman	Columbus
Dover, Kenneth	Freshman	Dayton
Dow, Blanche Lapham	Freshman	Columbus
Dowell, Glenn Coe	Sophomore	Bellefontaine
Dowling, Ralph Joseph	Freshman	Columbus
Downing, Ralph Powell	Sophomore	Belle Center
Downs, Byron Williamson	Sophomore	Columbus
Doyle, Ina Robinson, S. S.		Cambridge
Drake, Delbert Andrew	Sophomore	Good Hope
Drake, Frances C.	Senior	Troy
Drake, George Thomas	Sophomore	Columbus
Drake, Howard Booth	Sophomore	Lebanon
Drenan, Irene LeNoir	Special	Columbus

Name	*Rank*	*Home Address*
Drown, Williard Grant	Senior	Hanna, Ind.
Dubois, Ruth Elise	Junior	Muskogee, Okla.
Dudas, Theresa	Senior	Cleveland
Duell, Everett Albert	Freshman	Devil's Lake, N. Dak.
Duffy, Thomas Joseph	Freshman	Columbus
Duga, Yetta Nettie, S. S.	Senior	Bellaire
Duke, Russell Everett	Junior	Dayton
Duke, William Benton	Freshman	Richwood
Dulsky, David	Freshman	Columbus
Dun, Mildred Elizabeth	Freshman	Columbus
Dunbar, Myrtie Laura	Sophomore	Cutler
Dungan, Irvine Mitchell	Junior	Troy
Dungan, Jesse Cameron	Freshman	Troy
Dunigan, Walter Cecil	Freshman	Parkersburg, W. Va.
Dunkle, Simon Peter	Freshman	Columbus
Dunn, Eagleton Frederick	Sophomore	Columbus
Dunn, Florence Ellen	Sophomore	Columbus
Dunn, Robert T.	Junior	Columbus
Dupler, Ranolds DeWitt	Freshman	Columbus
Dupler, Russell Roy	Freshman	Rockbridge
Dupuis, Marian Rose	Senior	Savanna, Ill.
Durant, Rollin Ray, S. S.	Senior	Westerville
Durea, Mervin Arnold	Junior	Huntington, W. Va.
Dysert, Dale	Freshman	Van Wert
Earl, Clara Kathryn	Freshman	Columbus
Earl, Donald Wayland	Sophomore	Gahanna
Eason, Bernice	Junior	Marion
Easter, Carl Godfrey	Sophomore	Columbus
Easton, Frank Carroll, S. S.	Senior	Columbus
Ebenhack, Arline Marie	Junior	Columbus
Ebert, Herman Joseph	Freshman	Columbus
Ebinger, Clara Louise, S. S.	Senior	Columbus
Ebright, Don Harold	Freshman	Columbus
Ebright, Helen Jane	Junior	Columbus
Edgar, William Andrew	Freshman	Coshocton
Edmiston, Doris Opal	Freshman	Vinton
Edmiston, Kathryn Elizabeth	Freshman	Columbus
Edwards, Beriah Wilkins	Sophomore	Marysville
Edwards, Herbert Joseph	Sophomore	Columbus
Edwards, Linden Forest	Junior	Reynoldsburg
Edwards, Walter Arthur	Sophomore	Columbus
Eicher, Chester Franklin	Freshman	Dayton
Eidelman, Edward	Freshman	Youngstown
Elberfeld, Earl Henry	Freshman	Pomeroy
Elberfeld, Mary	Junior	Columbus
Elliff, Helen	Senior	Dayton
Elliott, Gilbert Maurice	Freshman	Columbus
Ellis, Helen	Freshman	Phoenix, Ariz.

Name	*Rank*	*Home Address*
Ellis, Roy Donald	Freshman	Columbus
Ellison, Herschel Claire	Freshman	Dayton
Ellison, Roy Harry	Freshman	Dayton
Ellwood, Paul Alexandra	Freshman	Columbus
Elmers, Charles E.	Sophomore	Columbus
Emmerling, Frank Conrad	Freshman	Norwood
Emmert, Stuart Pumeroy	Freshman	Chambersburg, Pa.
Emmert, William	Sophomore	Marysville
Englebry, Carl Frederick	Sophomore	Vermilion
English, Edwin L., S. S.	Sophomore	Columbus
English, Walter, Jr.	Freshman	Columbus
Ensley, Adolph Lee	Freshman	Pennville, Ind.
Epstein, Isadore Morris	Senior	Lima
Epstein, Louis	Sophomore	Cleveland
Errington, Allison Furney	Freshman	Stillwater
Ervin, Norman Charles	Sophomore	Jackson
Erwin, Edward Marabel	Sophomore	Columbus
Estrin, Joseph M.	Freshman	Cleveland
Etling, LaRue Waverly	Freshman	Columbus
Etzensperger, Charles William	Freshman	Willoughby
Evans, Annamae	Sophomore	Columbus
Evans, Donald John	Sophomore	Akron
Evans, James Mitchell	Sophomore	Youngstown
Evans, Mark Simeon	Sophomore	Columbus
Evans, Richard Harrison	Sophomore	Columbus
Evans, William	Freshman	Maynard
Evans, William Elbert	Sophomore	Columbus
Evans, Wilson Benjamin	Freshman	West Mansfield
Everett, Ella Magdalene	Freshman	Huron
Evzovitch, Harry	Freshman	Youngstown
Ewing, Robert Garner	Freshman	Jackson
Eyler, Marion Willard	Sophomore	Xenia
Eymon, Margery	Freshman	Marion
Eynon, Floyd Merle	Sophomore	Lorain
Fahl, James Milton	Freshman	Bucyrus
Faistl, Roman M.	Freshman	Columbus
Falter, Elizabeth Adeline	Freshman	Columbus
Farber, Anne	Sophomore	Columbus
Farber, Milton Louis	Freshman	Columbus
Farnsworth, Paul Randolph	Senior	Sandusky
Farrar, William Morton	Sophomore	London
Fast, Harry E.	Senior	Bloomdale
Fath, Leo C.	Freshman	Columbus
Feckey, Lelia Dorothy	Freshman	Columbus
Feiser, David N.	Sophomore	Lima
Feldman, Harvey Lee	Freshman	Cleveland
Feller, Ella Teressa, S. S.		Toledo
Feltman, Charles E.	Freshman	Ansonia

Name	*Rank*	*Home Address*
Fenberg, Max William	Sophomore	Findlay
Fenstermaker, Harry Clifford	Sophomore	Warren
Ferguson, Raymond Earl	Sophomore	Magnetic Springs
Ferguson, Roy Ellsworth, S. S.		Steubenville
Ferguson, Samuel	Freshman	Allison Park, Pa.
Ferrall, Lela	Senior	Leipsic
Ferree, Mildred Eleanor	Freshman	Columbus
Ferris, Katherine M.	Junior	Columbus
Fess, Wilber Berdette	Sophomore	Piqua
Fidler, Richard Ernest	Junior	Cleveland
Fidler, Roswell S., S. S.	Senior	Columbus
Fields, Elizabeth	Freshman	Columbus
Filbin, Faith Fanchon	Freshman	Columbus
Filocco, John Michael	Freshman	Cleveland
Finch, Izora Maya	Freshman	Columbus
Finch, Thelma Alfreda	Junior	Columbus
Fine, Israel A.	Senior	Steubenville
Finkelstein, Mathew Carl	Freshman	Columbus
Finkelstein, Rose	Sophomore	Columbus
Finnell, Roy Delno	Freshman	Coshocton
Finneran, Joseph William	Sophomore	Columbus
Fireoved, Eugene Willis	Sophomore	Shelby
Fischer, Carl Louis	Junior	Evansville, Ind.
Fischer, Leonore Dorothy	Senior	Lexington, Ky.
Fischer, Lucille Isabelle, S. S.	Senior	Bainbridge
Fisher, Donald Alfred, S. S.		Flushing
Fisher, Eleanor Gertrude	Freshman	Columbus
Fisher, Everette S.	Freshman	Lancaster
Fisher, Roger Raymond	Freshman	Flushing
Fitch, Anita Morton	Spohomore	Huntington, W. Va.
Fitch, Chester P.	Sophomore	Portsmouth
Fitzpatrick, Clarence C.	Senior	Wellston
Flanders, Dorothy Olive	Freshman	Columbus
Flanders, Edmund Shaffer	Sophomore	Columbus
Fleckner, Bernard August	Freshman	North Baltimore
Fleming, Emily Lenore	Junior	Columbus
Foerster, William Karres	Sophomore	Ouray, Colo.
Fogle, Carl Clinton, S. S.		Columbus
Fogel, James Mannington	Sophomore	Columbus
Fohner, Arlington Counseller	Sophomore	Van Wert
Folden, Edith	Freshman	Columbus
Folden, Ethel	Freshman	Columbus
Folkman, Hiram T.	Sophomore	Cleveland
Follett, Helen	Freshman	Montclair, N. J.
Folsom, Lucy Jeannette	Freshman	Columbus
Foott, Frances McCrea	Freshman	Columbus
Ford, Byron Edward	Sophomore	Columbus
Ford, Charles Alfred	Sophomore	Columbus

Name	*Rank*	*Home Address*
Fordyce, Wellington Guild	Freshman	Columbus
Forney, Claudius L.	Senior	Columbus
Forster, Julia O.	Sophomore	Columbus
Forsyth, Eleanor N.	Sophomore	Clyde
Forsythe, Hazel Rice	Freshman	Duncan Falls
Forthal, Sonya, S. S.		New York City
Fortune, Glenn Leslie	Freshman	New Cumberland
Forward, Chauncey	Sophomore	Urbana
Fosnaugh, Alma Louise	Sophomore	Columbus
Fosnaugh, Clarence Frederick	Sophomore	Columbus
Foss, Henry Marion, S. S.		Cleveland
Foster, Allen Luke	Sophomore	Ashland, Ky.
Foster, Ellen Marie	Freshman	Columbus
Foster, Ferryl	Junior	Mechanicsburg
Foster, Lyndell D.	Sophomore	Tipton, Ind.
Foster, Margaret H.	Senior	Columbus
Fovargue, Irwin Pierce	Special	Cleveland
Fowkes, Homer Stanley	Junior	Bellaire
Fowle, Royal Edgar	Freshman	Bellefontaine
Fox, Kenneth Paul	Sophomore	Bellevue
Frailie, Frank Chauncey	Senior	Ironton
France, Mervin Blair	Freshman	Canton
Frank, Arthur Grube	Freshman	Columbus
Frank, Jeanette	Sophomore	Columbus
Frank, Melville David	Sophomore	Columbus
Frankenberg, Harold R.	Sophomore	Pataskala
Frankle, Sophie A., S. S.	Junior	Youngstown
Franklin, Wade H., Jr.	Special	Columbus
Frazier, Minerva Elizabeth	Freshman	Caldwell
Fredell, Cleary	Freshman	Center City, Minn.
Freed, Scott Whitford	Sophomore	Butler
Freedman, Rachael	Freshman	Bellaire
French, Frank Sturgil	Freshman	Ceredo, W. Va.
French, Janet	Senior	Columbus
Frey, Doris Elizabeth	Freshman	Cleveland
Frey, Helen Genevieve	Freshman	Columbus
Friebel, Elsie Maybelle	Sophomore	Columbus
Friend, Dwight Edmond	Freshman	Columbus
Fries, Albert Conrad, S. S.		Grove City
Fritz, Howell George	Sophomore	Ironton
Fritz, Marian E., S. S.	Senior	Columbus
Froebe, Henry Andrew, S. S.	Junior	Piqua
Froian, George M.	Junior	Columbus
Fry, Carl Hatcher, S. S.		West Mansfield
Fudge, Grace Ann	Senior	West Alexandria
Fulk, Lucile Worley, S. S.		Union Furnace
Fulkerson, Morris Amos	Freshman	Spring Valley
Fullerton, Violet Marguerite, S. S.	Sophomore	Columbus

Name	*Rank*	*Home Address*
Fulton, Dorothy Alice	Freshman	Columbus
Fulton, Huston Fenn, S. S.	Junior	Columbus
Furby, James Orla, S. S.		Union City, Ind.
Fusco, Patrick Joseph, S. S.	Junior	Niles
Fye, Windsor H.	Sophomore	Marion
Galbraith, Harriet Amanda	Sophomore	Columbus
Galbraith, Kenneth Hine	Sophomore	Columbus
Galbraith, Malcolm Hine	Freshman	Columbus
Galentin, Otis Corwin	Sophomore	Columbus
Galigher, Richard Henry	Special	Zanesville
Galliher, Elizabeth Caroline	Sophomore	Muncie, Ind.
Galvin, Sydney Norman	Sophomore	Cleveland
Gammeter, Rafe B.	Sophomore	Cadiz
Gammon, Frank Elsworth	Freshman	Fort Pierce, Fla.
Gardner, Homer Robert	Sophomore	Columbus
Gardner, Mildred B.	Junior	Bucyrus
Garek, Isidore	Sophomore	Columbus
Garfinkel, Robert Chauncey	Freshman	Columbus
Garn, Merritt Andrew	Freshman	Gibsonburg
Garrison, Pauline Chlotiel, S. S.	Sophomore	Columbus
Gary, Herbert	Freshman	Columbus
Gatewood, Louise	Sophomore	Crown City
Gauggel, Walter Frederick	Sophomore	Columbus
Gaughran, Joseph T.	Sophomore	Columbus
Gaughran, Katharine	Sophomore	Columbus
Gaulke, Harriet G., S. S.	Senior	Columbus
Gault, Frank Meikle	Special	Columbus
Gault, Josephine Maxwell	Special	Columbus
Gaver, Carroll D.	Senior	Springfield
Gay, Russell C., S. S.		Columbus
Gaynor, Guy, S. S.		Franklin
Gearhart, Blaine Eugene	Freshman	Columbus
Gebele, Edwin H.	Sophomore	Fort Recovery
Gehring, Charles Brinson	Freshman	Chillicothe
Geiger, John Perry	Sophomore	Kenton
Gelhouse, William	Senior	New Weston
George, Anthony, S. S.	Senior	Crete, Greece
Gerlach, John Joseph, S. S.	Sophomore	Columbus
Gerould, William Wood	Freshman	Athens, Pa.
Getz, Dorothy	Sophomore	Columbus
Geyer, Hope	Sophomore	Paulding
Giardina, Nunzio S.	Junior	Lorain
Gibbs, Alvin Eady	Sophomore	Brunswick
Gibbs, Willa Margaret	Junior	Columbus
Gibson, Alfred Reid, S. S.	Sophomore	Rocky River
Gibson, Cable M.	Sophomore	Nelsonville
Gibson, Carter Taylor	Freshman	Washington, D. C.
Gibson, Dorothy Edna	Freshman	Columbus

Name	*Rank*	*Home Address*
Gibson, Frank B.	Sophomore	Lynchburg
Gibson, John Rufus	Sophomore	Selma
Gibson, Marion Alice	Freshman	Columbus
Gibson, Merritt M., S. S.		New Straitsville
Gibson, Walter Harold	Freshman	Petrolea, Canada
Giesy, Edward Hall	Sophomore	Columbus
Giffin, Russell Vause, S. S.	Junior	Columbus
Gilbert, Leolyn	Sophomore	Cleveland
Giles, Howard DeBosse	Sophomore	Springfield
Gill, Dorothy Barbara	Sophomore	Columbus
Gillen, Austin J.	Freshman	Youngstown
Gillen, Charles Raymond	Freshman	Painesville
Gillen, Earl Henry, S. S.		Welston
Gillespie, Emerson	Senior	Woodsfield
Gillespie, Lucy C.	Special	Columbus
Gillespie, Maurice B.	Senior	Columbus
Gillham, Beatrice	Freshman	Toledo
Gilliland, Dale Virgin	Freshman	Van Wert
Gilliland, Gordon B.	Sophomore	Van Wert
Gillingham, Margaret Mary	Freshman	Columbus
Gingher, Paul Rutter, S. S.		Columbus
Ginther, Nelson Dale	Senior	Ney
Gipson, George A.	Sophomore	Huntington, W. Va.
Glaser, Howard Lewis	Freshman	Oak Harbor
Glasier, Johnson Herbert	Freshman	Cleveland
Gleim, Ruth Richards, S. S.		Ashland, Ky.
Glick, Karl Emerson	Freshman	Carroll
Gluck, Arthur, S. S.		Cleveland
Gockenbach, Robert Conrad	Sophomore	Columbus
Goldberg, Maurice Hyman, S. S.	Sophomore	Cleveland
Goldstein, Jay Edwin	Freshman	Lakewood
Goldstein, Samuel	Senior	Cleveland
Goldzwig, Nathan	Sophomore	Dayton
Goodhew, Roy Clarence	Sophomore	Lowellville
Goodman, Walter Melborne	Freshman	Cleveland
Goodsell, Robert Eugene	Freshman	Marion
Gordon, Earl James	Freshman	Columbus
Gordon, Gertrude Elizabeth, S. S.	Junior	Columbus
Goshen, Harry Elmer	Sophomore	Columbus
Gosnell, Francis William	Freshman	Columbus
Gossard, Arthur P.	Senior	Burgoon
Gottlieb, Bernard Lewis	Freshman	Erie, Pa.
Gower, Nellie B.	Sophomore	Columbus
Graham, Louise, S. S.		Columbus
Graham, Pearl Dewey	Sophomore	Columbus
Graham, Ruth H.	Freshman	Mt. Sterling
Graham, Theodore Malcolm	Freshman	Belle Center
Graham, William Carl	Junior	Huntington, W. Va.

Name	*Rank*	*Home Address*
Graham, William Wallace	Freshman	North Fairfield
Grandstaff, Harley Delno, S. S.		Columbus
Gray, Charles Audley	Freshman	Cuyahoga Falls
Gray, Gilbert	Freshman	Columbus
Gray, Harry Leroy, S. S.	Junior	Columbus
Green, Charles Wesson	Sophomore	Springfield
Green, Paul Albert	Sophomore	Columbus
Greenbaum, Ralph Harrison	Junior	Chillicothe
Greene, Arthur Frederick	Freshman	Youngstown
Greenlee, Noel L.	Freshman	Dayton
Gregg, Robert Wilson, S. S.		Upper Sandusky
Griebling, Chester Frederick	Senior	Mansfield
Griebling, Margaret Catherine	Sophomore	Mansfield
Griffith, Albert James	Senior	Columbus
Griffith, Clyde McFarland	Sophomore	Martins Ferry
Griffith, Ruth Evelyn	Junior	Columbus
Griffith, William Norval	Sophomore	Columbus
Grimes, Florence, S. S.		New Holland
Grimes, Harold George	Freshman	Alliance
Grimes, Robert Lafern	Freshman	North Vernon, Ind.
Grimm, Florence May	Sophomore	Columbus
Groene, Charles Bertram	Sophomore	Coshocton
Grossman, Elmer C.	Freshman	Columbus
Groves, Clarence Daniel	Sophomore	Columbus
Groves, Lloyd Converse	Freshman	Caldwell
Growdon, Charles Howard, S. S.	Sophomore	Columbus
Grubb, Jean Lillian	Sophomore	Slippery Rock, Pa.
Grubb, Madge Sara	Junior	Slippery Rock, Pa.
Guenther, Elverda Margaret	Sophomore	Mansfield
Guerin, Elizabeth Grace	Junior	Columbus
Gullette, William Coalscott	Freshman	Salisbury, Md.
Gumble, Miriam Rose	Freshman	Columbus
Gurim, Walter William, S. S.		Columbus
Gusman, Harry Aaron	Sophomore	Cleveland
Guthrie, Frank Keller	Freshman	Columbus
Guthrie, Thomas A.	Freshman	Leesburg
Guy, Charles Osborne	Sophomore	Plain City
Guy, Margaret E.	Sophomore	Covington
Gwinn, William Walter	Freshman	Columbus
Gwyer, Gwilym Thomas	Sophomore	Youngstown
Haas, John Frank	Sophomore	Cleveland
Hagelbarger, Ralph Henry	Junior	Cuyahoga Falls
Hagenbuch, Raymond Wesley	Freshman	Urbana
Hagerty, John D.	Freshman	Columbus
Haid, William Michael	Sophomore	Hamilton
Haines, Wilbur B.	Sophomore	Dayton
Haley, Thelma	Freshman	Columbus
Hall, Finley Hutchison	Sophomore	Dayton

Name	*Rank*	*Home Address*
Hall, Kathryn Dean	Sophomore	Columbus
Hall, Marian Lovejoy	Freshman	Columbus
Hall, Spurgeon Brown	Sophomore	Columbus
Hall, William Ray	Sophomore	Cambridge
Haller, Dorothy Joyce	Freshman	Ligonier, Ind.
Halliday, Lady Fitch	Sophomore	Gallipolis
Hally, Helen Elizabeth	Freshman	Columbus
Hambleton, Edson J.	Freshman	Galloway
Hambsh, Elder Francis	Sophomore	Columbus
Hamer, Herman H.	Freshman	Columbus
Hamilton, George Emmett	Freshman	St. Marys
Hamilton, Howard Leeman	Freshman	Columbus
Hamilton, John Richard	Freshman	Bellaire
Hamilton, Oliver	Freshman	Marion
Hamm, Martin	Freshman	Chillicothe
Hammond, Elizabeth Anne	Special	Columbus
Handelman, Jack Hermann, S. S.	Sophomore	Cleveland
Handley, Charles Agustus	Freshman	Columbus
Hane, Henry Wilson	Senior	Marion
Hanes, Charles R.	Freshman	Lima
Haney, Dorothea Ruth	Freshman	Columbus
Hanks, Frederick Clark	Sophomore	Newark
Hanley, Bernard John	Junior	Marion
Hanlin, John Grant	Sophomore	Fort Recovery
Hanna, Harry LeRoy	Freshman	Canton
Hannan, Frances, S. S.		Cambridge
Hannum, William John	Senior	Columbus
Hansberger, Ralph	Freshman	Lancaster
Hansley, Virgil Leland	Freshman	Sugar Grove
Hanson, Lowell Kingsley	Freshman	Youngstown
Hanson, Robert S.	Senior	Kent
Hapner, Paul	Sophomore	Dayton
Harbourt, John A.	Senior	Fremont
Harding, Louise	Freshman	Columbus
Hardman, Richard B.	Freshman	Massillon
Harley, Elizabeth Helen	Sophomore	Columbus
Harner, Israel Fairchild	Freshman	Reynoldsburg
Harper, Frank W.	Sophomore	Columbus
Harris, Edward Williams	Sophomore	Columbus
Harris, Grace Naomi	Sophomore	Royal Oak, Mich.
Harris, Harold Krauss	Sophomore	Columbus
Harris, Harry Gordon	Freshman	Fairpoint
Harris, Ross Lee	Sophomore	Columbus
Harris, Ruth Elmina	Freshman	Columbus
Harris, Winifred Ann, S. S.		Cleveland
Harrison, Eugenia	Senior	Napoleon
Harrison, Lester Henry	Freshman	Lakewood
Harrison, Wallace Clarence	Sophomore	Marion

Name	*Rank*	*Home Address*
Harrison, William Henry	Sophomore	Columbus
Harsha, James Mercer	Junior	Columbus
Hart, Helen A.	Freshman	Williamsfield
Hart, James Haskins	Freshman	Columbus
Hart, Warren W.	Sophomore	Columbus
Hartenfels, John Russell	Sophomore	Mansfield
Hartenstein, Rea Lillian	Freshman	Columbus
Harter, Albert George	Freshman	Akron
Hartinger, Elizabeth Murphy, S. S.		Columbus
Hartley, Garrett McClellan	Freshman	Quaker City
Hartman, Frances Elizabeth	Freshman	Columbus
Hartshorne, James Dowler	Sophomore	Cleveland
Hartup, Paul C.	Sophomore	Lore City
Hartz, Grace Elizabeth	Sophomore	Akron
Harvey, George Edgar	Freshman	Canton
Hassel, Dorothy S.	Sophomore	Columbus
Hastings, H. Harold	Junior	Columbus
Hastings, Marion Roosevelt	Sophomore	Columbus
Hatcher, Harlan Henthorne, S. S.	Sophomore	Ashland, Ky.
Hatcher, J. Wesley, S. S.	Special	Columbus
Hatfield, Glenn Wilson	Sophomore	Georgetown
Hatfield, Lloyd Creg	Sophomore	Bloomdale
Hatfield, Ruth Elizabeth, S. S.		Akron
Hathhorn, H. Ellsworth	Sophomore	Bellaire
Hauser, Willard E.	Freshman	Cleveland
Havens, Louise C.	Special	Columbus
Havens, William Wallace	Freshman	Columbus
Hawkins, Helen Elizabeth	Freshman	Painesville
Hawley, Robert Blake	Freshman	LeRoy
Hayes, Earl Raymond	Junior	Columbus
Hayes, Lauretta Annette	Freshman	Columbus
Hayes, Margaret, S. S.		Ironton
Hayes, Oscar Richey	Sophomore	Ironton
Haynes, John Mills, S. S.	Freshman	Columbus
Hays, Harold Leotis	Sophomore	Washington C. H.
Hays, Jesse Myron, S. S.		Newcomerstown
Hazelton, Helen	Junior	Columbus
Hazen, Ione Lillian	Senior	Columbus
Head, Esther Isabel	Freshman	Columbus
Headington, LeGrand H.	Freshman	West Mansfield
Heagy, Jeanette	Junior	Indianapolis, Ind.
Heald, Hollis Kinsler	Freshman	Columbus
Heald, Stanley Franklin	Sophomore	Ironton
Hearn, Florence Frances	Freshman	Columbus
Heath, Beverly Caradine	Junior	Cleveland
Heath, Isabel Seymour	Freshman	Lakewood
Hebble, Howard Barton	Freshman	Cincinnati
Heck, Willard Delos	Sophomore	Sidney

Name	*Rank*	*Home Address*
Heer, Edith P.	Senior	Columbus
Heer, George James	Sophomore	Columbus
Heeter, Frank William	Freshman	Cadiz
Heimberger, Fred Wengerd	Sophomore	Columbus
Heinke, Leland Edwin	Sophomore	Coshocton
Heintz, Allen P.	Sophomore	Columbus
Heiser, John Bennett	Freshman	Galion
Heller, Frank Leslie	Freshman	Bucyrus
Helms, Ruth	Junior	Lima
Helwig, Carl Milton	Sophomore	Marion
Hendershott, Maurice	Freshman	Columbus
Henderson, Florence Elizabeth	Sophomore	Columbus
Henderson, Mary Elizabeth	Freshman	Worthington
Henderson, Ward Don	Freshman	Columbus
Henretty, Robert Howard	Freshman	Avery
Henry, Harley Elmer, S. S.		Cincinnati
Hensel, Ada Letitia	Sophomore	Van Wert
Hensel, Ernest	Freshman	Van Wert
Henson, Charity E.	Freshman	Frankfort
Henson, Mildred Ann, S. S.	Sophomore	Columbus
Herboltzheimer, Lavena E.	Freshman	Columbus
Herr, Mabel Gares	Sophomore	Groveport
Herrington, Bertha Lee	Sophomore	Columbus
Hershey, Emma Lucille, S. S.	Sophomore	Columbus
Hershey, Pauline Bernice	Special	Columbus
Herzing, Philip Henry, S. S.	Sophomore	St. Marys
Hess, Earl Chester	Freshman	Lakewood
Hess, Walter Lynn	Freshman	Gypsum
Hessinger, Leslie Alice	Special	Columbus
Hester, Helen Ann	Freshman	Columbus
Hetzel, Allen	Sophomore	Wauseon
Hewitt, Edward Stanton	Freshman	Norwood
Heyl, Arthur Bennett	Freshman	Columbus
Hibbard, Adelaide C.	Senior	Columbus
Hicks, Julia Margaret	Senior	Columbus
Higgins, Harold Theodore	Freshman	Coldwater, Mich.
High, Ruth	Freshman	Columbus
Hiles, Ruth Lucretia	Sophomore	Cleveland
Hill, Alfred Rankin	Freshman	Cincinnati
Hill, Caroline Leila	Sophomore	Findlay
Hill, Curtis Reed	Sophomore	Miamisburg
Hill, Harold M.	Freshman	East Liberty
Hilton, Garnett McMurray	Sophomore	Akron
Hiltz, Frank Joseph	Sophomore	Norwalk
Hinde, Harry Bernard	Freshman	Sandusky
Hindman, Douglas	Special	Columbus
Hindman, Mildred Willis	Freshman	Columbus
Hine, Vernon Parker, S. S.		Columbus

Name	*Rank*	*Home Address*
Hines, Howard Arthur	Sophomore	Van Wert
Hines, Winifred Pellett	Senior	Columbiana
Hinman, Elsie Lavina	Freshman	Youngstown
Hirt, Julius Arthur	Freshman	Fremont
Hiskey, Ralph Edward	Sophomore	Bellevue
Hiss, John Martin	Senior	Columbus
Hoagland, Sydney Allen	Freshman	Lima
Hobbs, Elinor Cornelia	Freshman	Mt. Vernon
Hoch, Lyndon Smith	Sophomore	Bellevue
Hodge, Frances	Freshman	Mechanicsburg
Hodges, LeRoy Allen	Freshman	Milford
Hodson, Carey Walter	Freshman	Mowrystown
Hodubski, Frank John	Freshman	Cleveland
Hoff, Preston	Senior	Cardington
Hoffman, Adah	Freshman	Columbus
Hoffman, Emerson George	Freshman	Ironton
Hoffman, Howard L.	Sophomore	Willard
Hoffman, Margie	Freshman	Columbus
Hoffman, Marie S., S.S.	Senior	Malta
Hoffman, Miriam S.	Sophomore	Columbus
Holden, Henry Lawrence	Sophomore	Columbus
Holland, Beatrice Louise	Freshman	Toledo
Holland, Paul Kincell, S.S.		Centerburg
Holmes, Allen A.	Junior	Columbus
Holroyd, Ray Davis	Sophomore	Steubenville
Holycross, Karl	Freshman	Columbus
Holzbach, Raymond T., S.S.		Niles
Honaker, C. Frank	Sophomore	Huntington, W. Va.
Honeter, Wilda Rae	Freshman	Columbus
Hood, Ray Harvey	Freshman	Columbus
Hoodlet, Marie	Freshman	Columbus
Hoover, Katharine Elizabeth	Freshman	Columbus
Hoover, Regine	Sophomore	Columbus
Hopkins, Ellis Amy	Special	Columbus
Hopkins, Florence B.	Special	Columbus
Hopkins, Helen Adelaide	Junior	Columbus
Horch, Frank Alderman	Freshman	Columbus
Horne, Harry Lincoln	Sophomore	LaRue
Horst, John V., S.S.	Sophomore	Columbus
Horton, Clarence Alfred	Senior	Youngstown
Horton, Maurice William	Freshman	East Liverpool
Horton, Mildred	Junior	Columbus
Hoshoch, Wesley G.	Special	Defiance
Hoskins, Helen Marion	Sophomore	Columbus
Hostetler, Dallas LaVerne	Freshman	Beach City
Houghton, Dorothy A.	Freshman	Marion
House, Carlton	Freshman	East Hampton, Conn.
House, Theodore	Junior	Columbus

Name	*Rank*	*Home Address*
Housel, Helen Hope	Sophomore	Bucyrus
Houser, Marcella	Junior	Columbus
Houston, David Tappan	Sophomore	Columbus
Howard, Alice Virginia	Sophomore	Columbus
Howard, Ida Louella	Freshman	West Middletown
Howard, Isabel Larry, S. S.	Senior	Columbus
Howe, Carl T.	Sophomore	Cleveland
Howell, John Frame	Freshman.	Columbus
Howerth, William	Freshman	New Lexington
Hoyer, Doris Katharine	Freshman	Columbus
Hoyer, Helen Magdalen	Sophomore	Columbus
Hoyman, Virginia Elizabeth	Senior	Pemberville
Hoyt, Raymond Arthur	Freshman	Batavia, N. Y.
Hu, Lydia Blome, S. S.		Oxford
Hubbard, H. Lenore, S. S.	Junior	Tulsa, Okla.
Huber, Marion Henry, S. S.		Harrison
Hubinger, Kathryn V., S. S.		Marietta
Hubler, Robert Emery	Freshman	Miamisburg
Hudson, Edith May, S. S.		Columbus
Hudson, Elmer Lloyd	Sophomore	Terrace Park
Hudson, John Frederick	Freshman	Columbus
Huffman, Frank Hubert	Senior	Maggie, Va.
Huffman, Howard Mueller	Freshman	Middletown
Huffman, Iolas Melitus	Senior	Chandlersville
Hughes, Bertram Lucius	Junior	East Cleveland
Hughes, Gordon C.	Sophomore	Columbus
Hughes, John Kenneth	Freshman	Van Wert
Hukari, William Carl	Sophomore	Ashtabula Harbor
Hulett, Arthur Still, S. S.		Columbus
Hull, Arthur Ronald	Junior	Columbus
Hull, Grace	Junior	Columbus
Hull, Harold Heber	Freshman	Columbus
Hull, James B.	Junior	Zanesville
Hummel, John J.	Sophomore	Cleveland
Humphreys, Doris May	Freshman	Columbus
Hunsburg, Morris	Sophomore	Youngstown
Hunt, Charlotte M.	Freshman	Columbus
Hunter, Charles Glenn	Freshman	Columbus
Hunter, Lottie	Special	Columbus
Hunter, Vinson	Freshman	Columbus
Hupp, Leland Western	Junior	Columbus
Hurless, Laurel Brown	Sophomore	Willshire
Hurr, Paul Elmer	Sophomore	Edison
Hurst, DeWitt Wilson	Freshman	Columbus
Hurst, Helen J.	Freshman	Columbus
Hurst, Huber Christian	Sophomore	Bellefontaine
Huser, Hiram H.	Sophomore	Pandora
Huske, Dorothy Elizabeth	Sophomore	Columbus

Name	*Rank*	*Home Address*
Huske, William Leser, S. S.	Sophomore	Columbus
Hussey, Edward Horace	Freshman	Batavia, N. Y.
Hussey, Eleanor	Sophomore	Linworth
Huston, Chalmers A.	Freshman	Sunbury
Huston, Dwight Torrey	Freshman	Sunbury
Hutcheson, Robert Bellenden	Senior	Columbus
Huth, Paul Oblinger	Freshman	Woodsfield
Hutt, Sarah	Sophomore	Waverly
Hutt, Starling Hinson	Freshman	Columbus
Hyde, Howard Linton	Junior	Chillicothe
Ileto, Jose H., S. S.	Sophomore	San Ildefosno, P. I.
Imler, Clarence Sheridan	Sophomore	Lancaster
Imperial, Benedicto Mendoza	Freshman	San Esteban, P. I.
Ingle, Marjorie S.	Sophomore	Bainbridge
Ingmire, Bernard Edmund	Freshman	Union Furnace
Ingram, Naomi Louise	Freshman	Columbus
Ink, Thelma Louise	Junior	Lexington
Innis, Helen Emrich	Sophomore	Columbus
Innis, Margaret Ann	Sophomore	Columbus
Iola, Barney Dave	Freshman	Rochester, N. Y.
Ireland, Carl Franklin	Sophomore	Columbus
Irish, Ralph Sidney	Freshman	Barberton
Irish, Robert Shepherd, S. S.		Newark
Irwin, Charlotte L. Walch	Senior	Talence, France
Isaac, Marion Elizabeth	Sophomore	Grand Rapids, Mich.
Isaacs, Harry C.	Sophomore	Columbus
Isabel, Wilmer Edward, S. S.	Sophomore	Black Lick
Israel, Charles Stanley	Freshman	Pittsburgh, Pa.
Isselstein, Gerhard Arthur	Sophomore	Doanville
Iuler, Carl William	Sophomore	Chillicothe
Jabbo, John Joseph	Freshman	Coaldale, Pa.
Jackson, Harold Bertrand	Sophomore	Van Wert
Jackson, Sidney D.	Sophomore	Youngstown
Jackson, Virgil Allen	Sophomore	Paulding
Jacob, Frederick	Freshman	Canton
Jacobs, Lester Magler	Sophomore	Dayton
Jaeger, Bernard Christian	Freshman	Columbus
Jaeger, Carrie Frances Ward	Freshman	Columbus
James, Avalyn K.	Freshman	Columbus
James, Charles William	Freshman	Newport, Ky.
James, Daniel Theophilus	Freshman	Moxahala
James, Harold Mostyn, S. S.	Sophomore	Steubenville
James, Jean Darke	Freshman	Columbus
James, Roy Keel, S. S.		Columbus
Janes, Robert Lewis	Freshman	Jeffersonville
Jaquith, Gladys A.	Freshman	Columbus
Jarcho, Julius Raisen	Special	New York City
Jarvis, George Haysler, S. S.	Special	Steubenville

Name	*Rank*	*Home Address*
Jasper, Jessie	Senior	Hilliards
Jeffers, William Hicks	Freshman	Columbus
Jefferson, Harry James	Junior	Smithfield
Jefferson, Robert Marfield	Sophomore	Bloomingburg
Jeffrey, Harry Palmer	Freshman	Dayton
Jeffries, Erma Cecilia	Senior	Circleville
Jelen, Ruth	Junior	Cincinnati
Jenkins, Benjamin Wade	Sophomore	Ashtabula
Jenkins, Lucile Margaret	Sophomore	Columbus
Jenkins, Paul Leroy	Freshman	Columbus
Jenkins, Robert Lyon	Freshman	Ashtabula
Jenkins, Virgil Thurman, S. S.	Sophomore	Wellston
Jenney, Stuart Adelbert	Freshman	Cleveland
Jennings, Leo	Freshman	Niles
Jerman, Margaret Jean	Freshman	Columbus
Jirus, Anthony Raymond	Junior	Cleveland
Jividen, Esther Coell	Freshman	Racine
Johnson, Charles Arthur, S. S.		North Baltimore
Johnson, Gladden Nourse, S. S.	Sophomore	Cleveland
Johnson, Guy C.	Freshman	Marietta
Johnson, Hubert Elias	Freshman	Erie, Pa.
Johnson, Karleene Mary	Sophomore	Portsmouth
Johnson, Katharine Barbara	Freshman	Toledo
Johnson, LeRoy	Freshman	Columbus
Johnson, Robert Williams	Freshman	Mechanicsburg
Johnson, Ruth Margaret	Sophomore	Columbus
Johnson, Winifred Kathryn	Freshman	Celina
Johnston, Adelyn Byrd	Senior	Columbus
Johnston, Frances Christian	Freshman	Columbus
Johnston, Genevieve	Sophomore	Columbus
Johnston, Helen Naomi	Sophomore	Columbus
Johnston, Kenneth Belknap	Sophomore	Columbus
Johnston, Ruth Lillian	Freshman	Columbus
Johnston, Sarah Emogene	Sophomore	Columbus
Jones, Audrey May	Freshman	Lorain
Jones, Cornelia Imogene	Freshman	Columbus
Jones, David Edward	Freshman	Worthington
Jones, Eleanor Jeannette	Sophomore	Columbus
Jones, Frank H.	Sophomore	Columbus
Jones, Harold Cornelius	Freshman	Clarksburg, W. Va.
Jones, Helen Amelia	Sophomore	Columbus
Jones, Helen Louise	Sophomore	Columbus
Jones, Horace Wright	Sophomore	Worthington
Jones, James Nichols	Freshman	Cuyahoga Falls
Jones, John Edwin	Sophomore	Columbus
Jones, Laura Luella	Freshman	Columbus
Jones, Louise Cable	Freshman	Columbus
Jones, Louise Medora	Sophomore	Medina

Name	*Rank*	*Home Address*
Jones, Mary Gretchen	Freshman	Columbus
Jones, Mildred Blanche	Sophomore	Marion
Jones, Ora Reed	Freshman	Lore City
Jones, Paul Herdman	Sophomore	Greenfield
Jones, Rachael Ann, S. S.	Freshman	Bexley
Jones, Robert Daniel	Senior	Newark
Jones, Robert Davis	Freshman	Coalton
Jones, Robert Howard, S. S.	Freshman	Dayton
Jones, Robert Stamm	Freshman	Columbus
Jones, Virginia Hanford	Freshman	Circleville
Jordan, Grace Maurine, S. S.		Columbus
Judd, Dean Brewster	Junior	Columbus
Judd, Katherine Spillman	Junior	Columbus
Kagey, Barton Curtis	Sophomore	Ashland
Kahan, Jacob Marvin	Sophomore	Cleveland
Kahle, Warren Francis	Special	Buffalo, N. Y.
Kahler, Ada Bess, S. S.		Plain City
Kaminski, Theodore J.	Junior	Cleveland
Kane, Robert Joseph	Senior	Columbus
Kane, Marion Ann	Sophomore	Columbus
Kane, William Baker	Freshman	Jewett
Kantrovitch, Max	Senior	Columbus
Karns, William Clifford	Sophomore	Columbus
Kastning, Roger William	Freshman	Cleveland
Katz, Ethel	Freshman	Columbus
Katz, Rosalind Louise	Sophomore	Columbus
Kaufman, Sarah Marie	Junior	Cleveland
Kay, James William	Freshman	Lima
Kaylor, Edwin M.	Senior	Danville
Kear, Attie	Sophomore	Wharton
Kear, Russell Herbert	Freshman	Wharton
Keeler, Bertsyl Ora	Freshman	Lynchburg
Keller, Fred William	Sophomore	Columbus
Kelley, Florence Josephine	Freshman	Columbus
Kelly, Francis J.	Freshman	Columbus
Kemery, Elsie B.	Junior	Columbus
Kemp, Kenneth, S. S.		Columbus
Kemper, Roland Aubrey	Freshman	Louisville, Ky.
Kenestrick, Edith, S. S.		Shelby
Kennedy, Alford English	Freshman	Van Wert
Kennedy, Alfred Goodwin	Sophomore	Marion, Ind.
Kennedy, Carol Snowden, S. S.		Columbus
Kennedy, Caroline Conwell	Freshman	Columbus
Kennedy, Helen Carver, S. S.		Felicity
Kennedy, Joseph Edgar	Freshman	St. Marys, W. Va.
Kennedy, William Douglas	Freshman	Cleveland
Kent, Arthur Thomas, S. S.		Mansfield
Kent, Genevieve Martha, S. S.		Chagrin Falls

Name	*Rank*	*Home Address*
Kerr, Eleanor Abbie	Special	Columbus
Kerschner, Nolan	Freshman	Tiffin
Kersell, Cal Clement	Sophomore	Greenville, Pa.
Kersell, Lloyd LaVern	Sophomore	Greenville, Pa.
Ketcham, Helen Geddes	Junior	Toledo
Ketner, Lester Ellsworth	Freshman	Deerfield, Mo.
Kettell, Zora Ewens	Freshman	Columbus
Ketterer, John George	Sophomore	Woodsfield
Keys, Loren Dick, S. S.		Columbus
Keyser, Leslie B.	Freshman	Bellaire
Kidd, A. Catherine, S. S.	Freshman	Gahanna
Kiefer, Frieda Annetta, S. S.	Senior	Dayton
Kile, Neil Everet	Freshman	Orwell
Kimble, Edward Raymond	Freshman	Columbus
Kindell, Leslie Andrew	Freshman	Columbus
Kiner, Doris Elizabeth	Freshman	Linden Heights
Kiner, Kathryn Bernice	Freshman	Linden Heights
King, Carrie Elizabeth	Sophomore	Ashtabula
King, Dorothea Virginia	Sophomore	Columbus
Kingdom, George Durkee	Freshman	Conneaut
Kinnear, Jack	Freshman	Cleveland
Kinney, Robert Quigley	Freshman	Nelsonville
Kinsey, Albert Rooks	Freshman	Crestline
Kinzler, John	Freshman	Lancaster
Kious, Lorena	Freshman	Mt. Sterling
Kirby, Inez C.	Sophomore	Columbus
Kirchner, Albert Joseph	Sophomore	Lorain
Kirchner, Lucinda C.	Senior	Youngstown
Kirk, Paul Leland	Freshman	McConnellsburg, Pa.
Kirker, Frederick, S. S.		Columbus
Kissell, Carter Coslet	Freshman	West Unity
Kitchen, Kosciusko, S. S.		Logan
Klein, Edna Margaret	Sophomore	Ironton
Klein, Sydney Geiger	Freshman	Alliance
Kley, Huldah Ann	Sophomore	Toledo
Klimes, Robert Edward	Freshman	Cleveland
Kline, David Humphrey	Sophomore	Columbus
Kling, Abraham Bernard	Freshman	Newport, Ky.
Klingensmith, Nancy Olive, S. S.		Swissvale, Pa.
Klinger, Helen	Senior	Lima
Klug, Harold Phillip	Freshman	Zanesville
Knapp, Florence Marjorie	Senior	Parkersburg, W. Va.
Knapp, Richard Novel	Special	Dorset
Knapp, Robert Frederick	Sophomore	Nevada
Knecht, James Herbert	Freshman	Columbus
Knight, Lillian	Sophomore	Columbus
Knipfer, Ray Frederick	Freshman	Columbus
Knowles, Allen Clark	Freshman	New Concord

Name	*Rank*	*Home Address*
Knowlton, Beatrice	Freshman	Parkersburg, W. Va.
Knox, Harry Leroy	Freshman	Columbus
Koch, Bertha Couch	Senior	Columbus
Koehler, Margaret H., S. S.		Columbus
Koepplin, Frederick M., S. S.		Columbus
Koerbling, Auguste Carl	Special	Columbus
Kohler, Henry Charles	Senior	Dayton
Kohn, Abe S.	Junior	Columbus
Koos, Adele F.	Junior	Columbus
Koppelman, Edward Nathan	Sophomore	Creston
Kornfield, Albert Baker	Junior	Columbus
Kosmetos, Anna	Freshman	Canton
Kosmetos, John	Freshman	Canton
Kostir, Rose Mary	Junior	Bedford
Kramb, Phillip Albert	Freshman	Oak Harbor
Kramer, Cletus Edward	Freshman	Norwalk
Kramer, Helen Marguerite	Sophomore	Columbus
Kramer, Lee Hamilton	Freshman	Columbus
Kreider, Glenn	Sophomore	Newark
Krepps, Helen Marie, S. S.	Sophomore	Columbus
Krichbaum, Charles Gordon	Junior	Canton
Krier, Virginia	Junior	Columbus
Krigbaum, Henry Arthur	Sophomore	Columbus
Krivonos, Fred George	Junior	Cleveland
Kropp, Robert W.	Freshman	Columbus
Kruse, Cyrus Ernest, S. S.	Senior	Columbus
Kruse, Ernest William	Freshman	Kenton
Kuck, Walter Allen	Freshman	New Bremen
Kuenning, Dorothy	Sophomore	New Bremen
Kuhn, Kathryn Kenyon	Junior	Bedford
Kunning, Richard Alvin	Sophomore	New Bremen
Kurtzhalz, Maurice	Freshman	Reynoldsburg
Kurtzhalz, Walter	Freshman	Camp Chase
Kutschbach, William S.	Sophomore	Columbus
Kyle, Donald Charles	Freshman	Columbus
LaCamera, Joseph	Junior	Farrell, Pa.
Lacy, George Corinth, S. S.		Columbus
Lahoud, Joseph, S. S.	Sophomore	Columbus
Lahue, Harry Albert	Freshman	Summerfield
Laibe, Marc William	Freshman	Pandora
Laird, Mary Joyce	Sophomore	Columbus
Lake, Marjorie Harriet	Freshman	Columbus
Lamb, Beulah Nadine	Freshman	Payne
Lamb, Ella Marie	Sophomore	Columbus
Lamb, Ione Jane	Sophomore	Bucyrus
Lamb, William David	Freshman	Columbus
LaMonte, John L.	Sophomore	Columbus
Landacre, Katharine Anita	Freshman	Columbus

Name	*Rank*	*Home Address*
Landaker, John Kenneth	Freshman	Columbus
Landis, Carney, S. S.	Senior	Eaton
Landis, Richard Wagner	Freshman	Worthington
Lane, Lawrence B., S. S.	Sophomore	Columbus
Lane, Lena Marie	Junior	Columbus
Lang, Esther Lucile, S. S.		Worthington
Langsam, Charles Benjamin, S. S.		Lorain
Lape, Herbert Leon	Sophomore	Cincinnati
Larason, Lola Louise	Sophomore	St. Louis, Mo.
Larcomb, John Wright, S. S.		Columbus
Larrimer, Richard Nye	Freshman	Columbus
Lathouse, Homer Francis	Freshman	Circleville
Lathouse, Martha Norinne	Freshman	Columbus
Lathrop, Josephine Elizabeth	Freshman	Dover Center
Lattimer, R. Oberia	Sophomore	Columbus
Lattimer, Zenobia Minnie, S. S.	Junior	Columbus
Laughlin, Carl D., S. S.		Cambridge
Laughlin, Hugh Clark	Freshman	New York City
Laughlin, Ruth	Sophomore	New York City
Law, Mabel Elizabeth	Freshman	Columbus
Law, Robert Lee	Sophomore	Davy, W. Va.
Lawrence, Alice Lucile	Freshman	Columbus
Lawrence, Cyrus Robertson	Sophomore	Columbus
Lawrence, Lois Elinor	Junior	Columbus
Lawyer, Frank Gordon	Freshman	Cambridge
Lazarson, Ralph, S. S.	Sophomore	Russia
Lea, Helen Margaret	Sophomore	Columbus
Leach, Coe Edward	Freshman	Green Camp
Leaman, Paul Miller	Sophomore	Fairmont, W. Va.
Leanza, Victor Salvatore	Freshman	Cleveland
Leatherman, Martin	Freshman	Lodi
Leckliter, Clifford J.	Sophomore	Columbus
LeCount, Vera A., S. S.		Newport, Ky.
Lee, Charles F.	Senior	Newark
Lee, Robert Wesley, S. S.		Galena
Leer, Margaret Belle	Freshman	Columbus
Lehman, George August	Freshman	Columbus
Leibenderfer, John Edward	Sophomore	Dayton
Leidigh, Donald J., S. S.		Columbus
Lentz, Madeline Maude	Junior	Columbus
Lenz, Lee Spitler	Junior	Dayton
Leonard, Clarence E., S. S.	Senior	Wellston
Leonard, Richard Thomas	Freshman	New Straitsville
*Leonard, Virginia	Freshman	Tulsa, Okla.
Leppert, Walter Jennings	Junior	Hilliards
LeSage, Ruth Marie, S. S.	Senior	Columbus
Leslie, Clark Dewey	Freshman	Gates Mills

*Died December 8, 1920.

Name	*Rank*	*Home Address*
Levenberg, Rosa Joan	Junior	Cleveland
Lewis, Clarence Heil	Freshman	Columbus
Lewis, Eloise Betty	Freshman	Columbus
Lewis, Harry McDowell	Freshman	Columbus
Lewis, Pauline Agatha	Freshman	Columbus
Lewis, Richard Eldron	Sophomore	Grove City
Lewis, Ted	Freshman	Columbus
Ley, J. Wayne	Sophomore	Columbus
Leyda, Newton Edwin	Junior	Dayton
Lieberman, Samuel	Freshman	Akron
Liggett, Lewis Lee, S. S.		Massillon
Lightner, Joseph Lawrence	Special	Cleveland
Lindsey, Hugh Ames	Sophomore	Bryan
Linton, Claire DeWitt	Junior	Frost
Linville, Fred Hunter	Freshman	Columbus
Linzell, Harry K.	Senior	Columbus
Linzell, Lewis Edwin	Freshman	Columbus
Lippert, Bertha Clark	Special	Columbus
Lipscher, Simeon Don, S. S.	Sophomore	Columbus
Lisko, Charles Thomas	Freshman	Salem
Lisle, Bishop Merril	Freshman	Galloway
Little, Alene Seymour, S. S.		Columbus
Little, Verne William	Freshman	Bremen
Litty, Jean Paul	Freshman	Salem
Lloyd, Ruth, S. S.		Toledo
Lock, Isabel B.	Freshman	Cleveland Heights
Locke, William McKinney	Senior	St. Louisville
Lockett, Robert	Sophomore	Columbus
Lockhart, Dorothy Maud, S. S.	Freshman	Columbus
Lockhart, Merton Cook	Sophomore	Montpelier
Loeb, Irma Henriette	Freshman	Zanesville
Logan, Mary E.	Junior	Waverly
Logan, Thelma M.	Freshman	Columbus
Logsdon, Clement Searl	Freshman	Columbus
Logsdon, James	Senior	Danville
Lohrman, Herbert Paul	Freshman	Dover
London, McKinley	Junior	Cleveland
Long, Emerson W.	Senior	St. Paris
Long, Isabel Virginia	Freshman	Columbus
Long, Leonard Everett	Freshman	Columbus
Long, Nellie, S. S.		Mansfield
Lonie, Bertha I.	Freshman	Columbus
Lonius, Ralph LaMar	Freshman	Galion
Loo, Yuan Tse	Freshman	Huchow, China
Loomis, Esther	Sophomore	Columbus
Loomis, Harold Wayne	Sophomore	Columbus
Lopeman, Walter E.	Freshman	Bellevue
Lopez, Eufemio T., S. S.	Freshman	San Isidro, P. I.

Name	*Rank*	*Home Address*
Lopez, Luis Ventus	Sophomore	San Isidro, P. I.
Lord, Martha Grant	Senior	Columbus
Lord, Susan Osborne	Special	Columbus
Lorimer, Harold Dale	Freshman	Groveport
Lortz, Carl W.	Senior	Urbana
Lott, Maurine	Sophomore	Columbus
Louks, Charles Weber	Sophomore	Columbus
Love, James Raymond, S. S.		Westerville
Lovell, Emilie Hermine, S. S.	Special	Worthington
Lovejoy, Herman William	Freshman	Elyria
Lovett, John Willis	Junior	Washington, D. C.
Lowery, F. Eugene	Senior	Piqua
Lowry, Flossie Florence, S. S.		Groveport
Lowry, Kenneth Francis	Sophomore	New Madison
Lubitz, Bennie	Sophomore	Bellaire
Lucas, Herman Edward	Sophomore	Miamisburg
Luckens, Elwin Homer	Sophomore	Dayton
Luckhaupt, Amos Edward	Sophomore	Columbus
Lum, David Tod Gilliam	Junior	Columbus
Luper, Fannie	Freshman	Columbus
Luper, Sarah Harriett	Freshman	Columbus
Lurie, Edward Emanuel, S. S.		Akron
Lurie, Yetta Carolyn	Sophomore	Akron
Lutton, Florence Edna, S. S.		Toledo
Luxon, Norval Neil	Sophomore	New London
Lyden, John Anthony	Freshman	Youngstown
Lyden, Joseph	Freshman	Youngstown
Lynch, Eugene Paul	Freshman	Marietta
Lynch, Irvin Roscoe	Junior	Brookville
Lyons, Mercedes Mary	Freshman	Columbus
McCaffrey, Patrick Emmet	Sophomore	Kinsman
McCall, Frank William	Freshman	Mt. Victory
McCarroll, Mabel Marguerite	Sophomore	East Cleveland
McCarty, Oren, S. S.	Sophomore	Columbus
McCarty, Rhea May	Sophomore	Columbus
McClain, John Edward	Sophomore	Martins Ferry
McClaran, William Boles	Freshman	Lima
McClerg, Carl B., S. S.		Columbus
McClintock, Marjorie Foster	Freshman	Wabash, Ind.
McClister, John Archibald	Sophomore	Kenmore
McClure, Richard Asa	Sophomore	Toledo
McColley, Harold Walter	Junior	Tontogany
McCohn, Donald Baker	Junior	Columbus
McCormick, Helen Marie, S. S.	Sophomore	Columbus
McCown, Ila Alexander	Junior	Greenville
McCoy, Calvin Armstrong	Freshman	Seville
McCoy, Herbert Nelson	Sophomore	Seville
McCoy, Leo Eldridge	Sophomore	Sunbury

Name	*Rank*	*Home Address*
McCracken, Ella Ruth	Freshman	Columbus
McCracken, Martha, S. S.	Sophomore	Columbus
McCready, Joseph K.	Senior	Wellsville
McCreight, Cecil Blair	Freshman	Columbus
McCulloch, William Arnett	Sophomore	Cleveland
McDaniel, Ruth Kathryn	Freshman	Columbus
McDermott, Stewart B.	Freshman	Columbus
McDonald, Mary Loretta, S. S.		Columbus
McDonald, Vista Flora, S. S.		McConnelsville
McDowell, Mary Helen	Freshman	Columbus
McEvoy, Marcus	Sophomore	Niles
McEwen, Willard Howe	Sophomore	Fostoria
McFall, Ruth Martha, S. S.		Oberlin
McGinnis, Marie Ann	Sophomore	Columbus
McGregor, Archie Glenn	Sophomore	Cambridge
McGregor, LeRoy	Sophomore	New Philadelphia
McGuire, Donald E.	Sophomore	Windham
McGurer, Ethel Marie	Sophomore	Worthington
McKay, Marion Wayne	Freshman	Wilmington
McKay, Marjorie M.	Sophomore	Union City, Ind.
McKee, Margaret Pauline	Junior	Hamler
McKeever, Christine	Sophomore	Reynoldsburg
McKeown, Helen Louise	Sophomore	Columbus
McKercher, Manford Lemuel	Sophomore	Columbus Grove
McKibbin, Raymond J.	Junior	Youngstown
McKimmy, Gladys Alberta	Sophomore	Columbus
McKimmy, Iris	Freshman	Columbus
McKinley, Elsie Leone	Freshman	Coshocton
McKinley, William Ernest	Freshman	East Liverpool
McKinnon, Alice Mary	Freshman	Columbus
McKirgan, Dorothy Marie	Freshman	Plain City
McLain, Walter Samuel	Junior	Wauseon
McLaughlin, Joseph Kerr	Junior	Adena
McMahill, James Roland	Sophomore	Milford Center
McMahon, Burton F.	Freshman	Columbus
McMillan, Carl H., S. S.	Senior	LaGrange
McMillen, James V.	Freshman	Somerton
McMullen, Arthur John	Freshman	Columbus
McMullen, Birdie Alice	Freshman	Fayetteville
McNicol, Hugh Allan	Freshman	East Liverpool
McNulty, Patrick H.	Sophomore	Cleveland
McVicker, Helen M.	Senior	Columbus
Macfadyen, Ray A.	Junior	Columbus
Macfadyen, Winnifred Holmes	Senior	Columbus
MacFarland, Francis Ralph	Freshman	Niles
MacInnis, Colin Calvin	Sophomore	Toledo
MacKay, Clement Wilbur	Sophomore	Cleveland
MacLaren, Frederick H.	Freshman	Bennington, Vt.

Name	*Rank*	*Home Address*
Maddalena, Vincent Pasqual	Freshman	Steubenville
Maddux, Horace C.	Junior	Columbus
Madison, William James	Freshman	Akron
Maidlow, Grace Elizabeth	Sophomore	Gilboa
Maier, Melville Eberhart	Sophomore	Troy
Maile, Stella Irenemma	Junior	Columbus
Malinowski, Chester Walter	Freshman	Lorain
Malley, Clayton George	Sophomore	Cleveland
Malmstead, Carl Fredric	Junior	Worcester, Mass.
Maloney, Audrey Lucile	Freshman	Columbus
Maloney, William Edward	Freshman	Circleville
Manack, Anthony T.	Freshman	Steubenville
Manak, James Raymond	Junior	Cleveland
Manley, Mary Ellen	Freshman	Columbus
Mann, Edwin C.	Sophomore	Columbus
Mann, Myron Allison	Sophomore	Columbus
Manner, Kenneth Doyle	Freshman	Mansfield
Manney, Lucille J.	Senior	Columbus
Mansell, Walter Stewart	Freshman	Columbus
Manuel, Harley Sherman	Freshman	Latty
Maple, Cyril J., S. S.		Grafton
Mardis, Chauncey J., S. S.		Lebanon
Margolin, Morris	Freshman	Cleveland
Margulies, Ernest	Sophomore	Wadsworth
Mark, Julian	Sophomore	Warren
Markey, William Nathaniel	Sophomore	Dayton
Markowitz, Monroe M.	Freshman	Cleveland
Marlot, Michael Joseph	Freshman	Akron
Marple, Allen Clarke	Sophomore	Columbus
Marquand, Edgar Allen	Freshman	Conesville
Marrell, Delmar W.	Freshman	Big Prairie
Marsh, Dana	Sophomore	Columbus
Marsh, Milton Columbus, S. S.	Sophomore	Columbus
Marshall, Albert	Freshman	Chillicothe
Marshall, Evelyn	Freshman	Columbus
Marshall, Louis	Freshman	Cleveland
Marshall, Ruth Aileen, S. S.	Junior	Columbus
Marshall, Tom Kyle	Sophomore	Piqua
Martens, Don David	Senior	Columbus
Martens, Rose Helen	Senior	Columbus
Martin, Charlotte A.	Senior	Columbus
Martin, Dorothy Louise	Freshman	Columbus
Martin, Horace Eugene	Freshman	Columbus
Martin, Rebecca	Freshman	Columbus
Martin, Stanley Edward	Senior	Columbus
Martindale, Winfred L.	Junior	West Milton
Martinson, Walter Herbert	Freshman	Ashtabula
Marzetti, Gertrude H.	Sophomore	Columbus

Name	*Rank*	*Home Address*
Masek, Charles Stephen	Freshman	Cleveland
Mason, Greta Elizabeth	Junior	Milwaukee, Wis.
Mason, Irene Lucille	Freshman	Columbus
Mason, William A., S. S.	Senior	Columbus
Mastin, Morris Maxwell	Freshman	Hicksville
Matheny, Merrill E.	Freshman	Columbus
Matheny, Ralph Lionel	Freshman	Middleport
Mathews, Doris	Sophomore	Salem
Mathews, Kathryn Haynes	Freshman	Columbus
Mathews, Martha Spriggs	Sophomore	Columbus
Matthias, Edward D.	Special	Columbus
Mattinson, Byrd	Freshman	South Charleston
Matusoff, Max	Sophomore	Dayton
Maxson, Charles Simmons	Freshman	Columbus
Maxwell, Clarence Jay	Sophomore	Scio
Maxwell, Russell V.	Freshman	Edon
May, Curtis	Sophomore	Reynoldsburg
May, Paul Senior	Freshman	Troy
May, Roscoe L.	Sophomore	Shelby
Mayhew, Helen Isabel	Sophomore	Dorset
Meck, Florence A.	Senior	Dayton
Medick, Charles Webster	Freshman	Columbus
Meek, Mary Jack	Freshman	Coshocton
Meier, Helen Blanche	Freshman	Columbus
Meister, Orville Lee	Freshman	Pittsburgh, Pa.
Melamed, Ruth S.	Sophomore	Cleveland
Mellman, Anne Isabel	Freshman	Denver, Colo.
Mellman, Robert	Sophomore	Columbus
Melstrom, Irma Elvira	Freshman	Cleveland
Mendenhall, Carl Paul	Freshman	Celina
Mendenhall, Ruth Ellen	Junior	Greenville
Mendlowitz, Sam	Sophomore	Columbus
Mennell, Alton	Sophomore	Grafton
Mentzer, Walter Veon	Freshman	Payne
Menzes, Benjamin	Sophomore	Brooklyn, N. Y.
Mercer, Lucille E.	Sophomore	McConnelsville
Mercer, Samuel Taylor	Sophomore	DeGraff
Merrell, Eugene Henthorne	Freshman	Toronto
Merrill, Clair Wesley	Freshman	Cleveland
Merrill, Willis B.	Junior	Columbus
Merriman, Nellie Black, S. S.		Gallipolis
Merton, Mariam Lillian	Junior	Peninsula
Messer, Frank Wilburn	Sophomore	North Baltimore
Messinger, Ferd R.	Sophomore	Fremont
Metcalf, Paul Conn	Freshman	Toronto
Metcalf, Ruth Frances	Freshman	Ashtabula
Metcalfe, Arden Bruce	Freshman	Shelby
Metters, Henry Hammond	Freshman	Columbus

Name	*Rank*	*Home Address*
Metters, Ruth, S. S.	Junior	Columbus
Metzger, Andrew Zurmehly	Freshman	Circleville
Meyer, Bernard Sandler, S. S.	Senior	Columbus
Meyer, Carl Edwin	Sophomore	Kenova, W. Va.
Michael, Walter Jacob	Junior	Bucyrus
Michalosky, Ben Martin	Freshman	Cleveland
Michel, Phoebe	Sophomore	Columbus
Michener, Robert Ross	Freshman	Bridgeport
Mickley, Paul Andrew	Freshman	Marion
Middleton, Gerald Truman	Freshman	Columbus
Miesse, Olivia	Sophomore	Columbus
Mihalek, Frank	Sophomore	Cleveland
Mihigian, Mardig Manong	Junior	Van, Armenia
Mikesell, Elbert L.	Senior	Columbus
Mikesell, Ernest William	Sophomore	Columbus
Miles, Harriet Thompson, S. S.	Junior	Columbus
Miles, Mark Palmer	Sophomore	Norwalk
Miley, Hugh Howard	Freshman	Fayette
Mill, Alice Blake	Sophomore	Zanesville
Miller, Albert J.	Sophomore	Columbus
Miller, Alma Mary	Freshman	Columbus
Miller, Amy Katheryne	Freshman	Columbus
Miller, Clarence Adolph	Sophomore	Zanesville
Miller, Clifton Wesley, Jr.	Sophomore	Youngstown
Miller, Edward Lincoln	Freshman	Columbus
Miller, Elaine	Sophomore	Columbus
Miller, Floyd Henry	Sophomore	Cleveland
Miller, Harold Francis	Sophomore	Indianapolis, Ind.
Miller, Helen Pearl	Freshman	Columbus
Miller, James K., S. S.		Dorchester, Mass.
Miller, John Alvin	Special	Columbus
Miller, Lawrence Lynde	Freshman	East Cleveland
Miller, Lewis Edward	Sophomore	Dayton
Miller, Mabel, S. S.		Huntington, W. Va.
Miller, Myron David	Sophomore	Vermilion
Miller, Myron David	Sophomore	Columbus
Miller, Noelan Wallace	Freshman	Kent
Miller, Ralph Bourquin	Sophomore	Indianapolis, Ind.
Miller, Robert H.	Sophomore	Cardington
Miller, Ruth Mary A.	Sophomore	Columbus
Miller, Ward MacLaughlin	Sophomore	Portsmouth
Miller, Wesley Harris, S. S.		Akron
Millholen, John H., S. S.	Sophomore	Napoleon
Milliken, Anne Elizabeth	Sophomore	Warren
Milliken, Marion Tamar, S. S.	Senior	Warren
Milliken, Pierpont P.	Freshman	Cleveland
Millonig, Edna Clare	Freshman	Dayton
Mills, Anne Mildred	Freshman	Columbus

Name	*Rank*	*Home Address*
Mills, Donald Lewis	Freshman	Columbus
Mills, Richard Ambrose	Sophomore	Columbus
Minchin, Florence Mildred	Freshman	Columbus
Minderman, Earl	Freshman	Port Clinton
Minitsky, Meyer Crevitt	Sophomore	Columbus
Minkin, Hyman Isador	Freshman	Nelsonville
Minneman, Paul George	Freshman	Sidney
Minnich, Dorothy Mae	Sophomore	Columbus
Minor, Richard Clyde	Senior	Columbus
Minturn, Marjorie	Sophomore	New Lexington
Mirlevitz, Joseph	Sophomore	Cleveland
Mirvis, Freda Mae	Freshman	Zanesville
Mirvis, Marie	Junior	Zanesville
Miskall, Edward Winfield	Sophomore	East Liverpool
Mitchell, Howard Ross	Senior	Columbus
Mitchell, Howard Thomas, S. S.	Junior	Marion
Mitchell, Ralston Simms	Freshman	Pomeroy
Mitten, Joe Atler	Sophomore	Glenmont
Mittendorf, Earl Dwight	Freshman	Ironton
Mock, Harold Herbert	Sophomore	Columbus
Modi, Paul Gregory	Freshman	Barnesville
Moeckel, Frank Leroy	Freshman	Columbus
Moeller, Gretchen, S. S.		Circleville
Moffett, Raymond H.	Junior	Woodsfield
Moke, John Jackson	Freshman	Lima
Monahan, Mary	Freshman	Columbus
Monroe, Helen Louise	Sophomore	Columbus
Montag, Harold Anthony	Freshman	Columbus
Montgomery, Chandler Hersman	Junior	Piqua
Moody, Charles W.	Sophomore	Carollton
Moody, John Mohler	Freshman	Columbus
Moon, Edwin Everett	Freshman	Columbus
Mooney, George Francis W.	Freshman	Columbus
Moore, Cleta V.	Sophomore	Columbus
Moore, Dorothy W.	Sophomore	Columbus
Moore, Hattie Marguerite	Sophomore	Columbus
Moore, Howard Carl	Sophomore	Columbus
Moore, Ivalu Mae, S. S.	Sophomore	Marion
Moore, Kenneth Parlette	Sophomore	Troy
Moore, Paul	Freshman	Struthers
Moore, Robert Allan	Senior	Columbus
Moore, Roland Robert	Freshman	Columbus
Moorehead, Lewis Samuel	Sophomore	Toledo
Moorehouse, Leona Mae	Junior	Huntington, W. Va.
Morgan, Esther Virginia, S. S.		Columbus
Morgan, James Pierpont	Freshman	Columbus
Morgan, John Leslie, S. S.		Youngstown
Morgan, Mark	Freshman	Middletown

Name	*Rank*	*Home Address*
Morgan, Mary Virginia, S. S.	Sophomore	Columbus
Morgan, Thomas E.	Senior	Columbus
Morgenthaler, Homer William	Sophomore	Marion
Morgenthaler, Zelmar G.	Sophomore	Hamilton
Morrey, Jessie, S. S.	Sophomore	Columbus
Morrey, Marion, S. S.	Senior	Columbus
Morris, Charles Scott, S. S.	Sophomore	Lima
Morris, Doyle William	Freshman	Bradford
Morris, Edward Thomas	Sophomore	Ashtabula
Morris, Enoch Carter	Freshman	Birmingham, Ala.
Morris, Harriet, S. S.	Junior	Toledo
Morris, Leon Archibald	Sophomore	Lilly Chapel
Morrison, George W.	Sophomore	McComb
Morrison, Henry Harrison, S. S.	Junior	Columbus
Morrison, William Walter, S. S.	Sophomore	Columbus
Morrow, Esther Pearl	Freshman	Columbus
Mosburg, Lewis Groves	Freshman	Summerfield
Moseley, Harold Miller	Freshman	Ashtabula
Moses, Myron Thomas	Freshman	Cleveland
Mosher, Charles Melvin	Freshman	Lodi
Motry, Paul I. T.	Sophomore	Sandusky
Moul, Evan L.	Sophomore	Columbus
Moul, Lawrence E., S. S.	Freshman	Columbus
Moulton, Corinne Alice	Sophomore	Canal Fulton
Mounts, James Frank	Freshman	Van Wert
Mowry, Benjamin Franklin	Freshman	Lima
Muchmore, Gladys Mae	Sophomore	Columbus
Mull, Helen	Junior	Columbus
Murdaugh, Laura Margaret, S. S.	Senior	Freeport, Ill.
Murdock, Van Quinton	Freshman	Memphis, Tenn.
Murphy, Mary Ellen	Freshman	Columbus
Murphy, William David, S. S.	Sophomore	Columbus
Murphy, William Guy	Freshman	Fostoria
Myers, Harry Leroy	Sophomore	Kenton
Myers, Helen Lucile	Freshman	Mansfield
Myers, James Benjamin	Freshman	Dayton
Myers, Robert D., S. S.	Sophomore	Columbus
Napier, Katherine Theresa	Freshman	Columbus
Nash, Clifford Allen	Freshman	Amelia
Nauts, Howard James	Freshman	Toledo
Nave, Gertrude Brace	Freshman	East Cleveland
Needham, Russell Mead	Freshman	Columbus
Neely, Harry Winthrop	Freshman	Cleveland
Neff, Dorothy Elizabeth	Sophomore	Columbus
Neff, Garnet Eglon	Sophomore	Portsmouth
Neff, Marion	Sophomore	Bucyrus
Nehamkin, Louis C.	Freshman	Cleveland
Neillie, Clarence Charles	Sophomore	Cleveland

Name	*Rank*	*Home Address*
Neiswander, Byron Eugene	Sophomore	Rawson
Neiswander, Claud R.	Junior	Rawson
Nemecek, Andrew J.	Senior	Lorain
Nesbitt, Jacob Charles, S. S.	Sophomore	Troy
Neubig, Tillie E., S. S.		Columbus
Neunherz, Herbert William	Freshman	Columbus
Newbold, Charles Ernest	Sophomore	Kenton
Newell, Mary Alma	Freshman	West Liberty
Newell, Philip D.	Sophomore	Columbus
Newkirk, Julia Atkinson	Junior	Columbus
Newman, Mary Antoinette	Freshman	Columbus
Newton, Jane Louise	Freshman	Columbus
Nicholas, Elsie Florence	Sophomore	Southport, Conn.
Nichols, Claude Elmer	Sophomore	Dayton
Nichols, Eugene Phelps, S. S.		Chagrin Falls
Nichols, Harold B.	Freshman	Lorain
Nichols, Harold E., S. S.		Lebanon
Nichols, Mary Georgia, S. S.	Sophomore	Columbus
Nicol, Lorenz Charles, S. S.	Senior	Plain City
Niday, W. Raymond	Freshman	Gallipolis
Nieman, Helen Marie	Sophomore	Columbus
Nihizer, Adonis Hugh	Freshman	Logan
Nisonger, Dale Crawford	Senior	New Madison
Nitschke, Andrew Gunning, S. S.	Sophomore	Columbus
Noble, Ellis Leo, S. S.		Mt. Sterling
Nolan, Howard Daniel	Senior	Bowerston
Nolan, Mary Catharine	Sophomore	Troy
Nolan, Noreen Eliza	Junior	Lakewood
Nonemaker, Clarence Fred	Freshman	Columbus
Norian, Aram	Junior	Columbus
Norris, Dorothy Standish	Freshman	Columbus
Norris, Stuart G.	Sophomore	Columbus
North, Ardes	Freshman	Wheatland, Wyo.
North, Harold Lee	Sophomore	Wheatland, Wyo.
Northrup, Marie	Sophomore	Columbus
Norviel, Burdena Sharp, S. S.		Middleburg
Nowell, Kathryne Nancy	Freshman	Columbus
Nuhfer, Elmer LeRoy, S. S.		Woodville
Nulle, Stebelton Henry	Junior	Columbus
Nusbaum, Bernice	Junior	Columbus
O'Brien, Frances Elizabeth	Sophomore	Columbus
O'Brien, Harold A.	Freshman	Columbus
O'Brien, Mary Mildred	Freshman	Columbus
Ockerblad, Frederick Otto	Special	Columbus
O'Connell, Raymond	Freshman	Delaware
Oda, Wilbur Harry, S. S.		Oberlin
O'Donnell, Jay Guy	Freshman	Covington
O'Donnell, Lawrence Doyle, S. S.	Senior	Vincennes, Ind.

Name	*Rank*	*Home Address*
Oelschlager, Louise	Freshman	Columbus
Oesper, Gladys Charlotte	Freshman	Cincinnati
Offenbacher, Glenn Edward	Sophomore	Gaysport
Offerman, Edith Marie	Senior	Columbus
Offield, Robert L.	Sophomore	Columbus
Offord, Edith Louise	Sophomore	Columbus
Ogden, Andrew Edman	Freshman	Columbus
Ogden, Oscar Allison	Freshman	Columbus
Ogle, Leighton W.	Sophomore	Marietta
Ohlemacher, Burton I.	Sophomore	Avery
Okey, Ruth Caldwell	Freshman	Caldwell
Oliver, Ottis H.	Freshman	Yorkshire
Olmstead, Fern, S. S.		Columbus
Olpp, Doris Margaret	Freshman	Columbus
Oman, Galen Francis	Special	Columbus
Oman, Marguerite Heer	Freshman	Columbus
O'Neil, Grace Elizabeth	Freshman	Akron
O'Neill, Helen Elizabeth, S. S.		Columbus
Openlander, Gerald	Sophomore	Defiance
Orbison, Telford Bernard	Junior	Indianapolis, Ind.
Orr, Iva G.	Special	Columbus
Osborn, Louise, S. S.	Sophomore	Columbus
Osborn, Mildred Elizabeth	Freshman	Mechanicsburg
Osborn, William H.	Freshman	Van Wert
Osborne, Paul S.	Sophomore	Napoleon
Osburn, Max Raymond	Sophomore	Newark
Oster, Harold Maleolin	Junior	Cleveland
Ott, Rosa Bickham, S. S.	Senior	Columbus
Ovens, Norman Goodrich	Sophomore	Girard
Overholser, Walter Curtis	Freshman	Dayton
Overholt, Charles C.	Sophomore	Hicksville
Oviatt, Garlen Miles	Freshman	West Richfield
Owens, John Fredrick	Freshman	Coshocton
Owens, Wallace Lee	Sophomore	Apollo, Pa.
Packer, James Martin, S. S.	Sophomore	Columbus
Packer, Marie Verona	Junior	Columbus
Packer, William Harold	Freshman	Columbus
Padan, Janice A. E.	Sophomore	Columbus
Pagels, Helen Malintha	Freshman	Columbus
Pagels, Martha Virginia	Freshman	Columbus
Palmer, Delmar Reginald	Freshman	Erie, Pa.
Palmer, Helen Sarah	Freshman	Copley
Palmer, Mary A.	Sophomore	Columbus
Palmer, Robert Sterling	Freshman	Columbus
Papenhagen, Frank W.	Sophomore	Defiance
Paquette, Thelma Marie	Senior	Toledo
Parillo, Raymond James, S. S.		Girard
Park, Donald Eugene	Freshman	Akron

Name	*Rank*	*Home Address*
Park, Harry Littleton	Freshman	Camp Chase
Park, Inez Eleanor	Freshman	Columbus
Park, Kilyong	Sophomore	Columbus
Parker, Helen Madeline	Sophomore	Columbus
Parker, Ida Shepard	Sophomore	Columbus
Parker, Kathleen	Sophomore	Columbus
Parker, Morton K.	Freshman	Columbus
Parker, Robert C.	Senior	Columbus
Parkinson, Rufus D.	Freshman	Hilliards
Parks, Mary Abigail	Sophomore	Worthington
Parks, Ralph Morton	Freshman	Akron
Parks, Victor L.	Freshman	East Cleveland
Parmenter, Robert C.	Sophomore	Lima
Parrett, Russell Allen	Freshman	Columbus
Parry, Corliss Lloyd	Freshman	Jackson
Parry, Virginia, S. S.	Senior	Columbus
Parsons, Lois Burnett	Junior	Columbus
Passmore, Margery Aikin, S. S.	Junior	Columbus
Pate, Oramay Edna	Freshman	Columbus
Paton, Mary Anna	Freshman	Ashland, Ky.
Patrick, Helen Luella	Sophomore	Columbus
Patrick, Robert Craig	Sophomore	Urbana
Patricof, Rebecca Lois	Sophomore	Middletown
Patterson, Ruth Elizabeth	Freshman	Columbus
Patton, Virginia Harrison	Freshman	Los Angeles, Cal.
Paul, Charles Everly	Freshman	Columbus
Paul, Ruth Ann	Freshman	Columbus
Pauley, Kenneth H.	Sophomore	Youngstown
Paulucci, Joseph Warner	Sophomore	Kenton
Pauly, Karl Bone	Sophomore	Middletown
Paxson, Leslie John, S. S.		Fayette
Paxton, Walter, S. S.		Bryan
Peak, Charles Howard	Sophomore	Williamson, W. Va.
Pearson, Clifford Earl	Freshman	Harvey, Ill.
Pearson, Kenneth	Junior	Toledo
Pecl, James C.	Senior	Cleveland
Piersol, Jessie	Special	Columbus
Pekras, Theodore John	Junior	Columbus
Pelley, Lura, S. S.		Mingo Junction
Pemberton, Alfred Hodgen, S. S.	Sophomore	McAlester, Okla.
Pemberton, Thomas Ernest	Junior	Roseville
Pembroke, Marcia L.	Junior	Columbus
Pence, Lee Trees	Sophomore	Columbus
Pence, William LeRoy	Freshman	Urbana
Pennisten, John Harold	Freshman	Columbus
Pepple, Ruth E.	Freshman	Ashtabula
Perin, Louise Butler, S. S.	Junior	Amelia
Perrill, Glenna Marion	Freshman	Columbus

Name	*Rank*	*Home Address*
Perrin, Curtiss Bedford	Sophomore	Columbus
Persons, Elbert Lapsley	Sophomore	Columbus
Petcoff, Boni Eli	Freshman	Toledo
Peterka, Louis	Junior	Cleveland
Peters, Frank Ellsworth	Sophomore	Moundsville, W. Va.
Peters, Hiram Fredrick	Freshman	Cleveland
Pfaltzgraf, Leslie Earl	Freshman	Bremen
Pfous, Ruth Lillian	Sophomore	Coshocton
Pheley, Paul Willard	Senior	Perrysburg
Phillipps, Arletta Hester	Sophomore	Washington, D. C.
Phillips, Charles Archie	Sophomore	Cleveland
Phillips, Stanley Nash	Sophomore	Columbus
Phillips, Wendell Elwood	Freshman	Plymouth
Pickard, Edgar	Sophomore	Cuyahoga Falls
Pickering, Gracewood Elizabeth, S. S.	Sophomore	Columbus
Pieffer, Martha	Freshman	Columbus
Pierce, Dorothy Elizabeth	Junior	Columbus
Pierson, Wick V.	Freshman	Girard
Pinkerton, John G.	Sophomore	McConnelsville
Pinkerton, LaDoyt Brumback	Freshman	McConnelsville
Pinson, Alden Rupert	Sophomore	Long Branch, N. J.
Pittenger, Mary Louise	Senior	Columbus
Pitts, Charles Donald	Freshman	Columbus
Pitz, Lillian Elizabeth	Freshman	Columbus
Pixley, Lloyd A.	Sophomore	Columbus
Plattenburg, John Hodge	Sophomore	Hudson
Platter, Mary Katherine	Sophomore	Columbus
Plummer, Chester Neil	Freshman	Linden Heights
Poe, Pearl Winnifred	Freshman	Massillon
Pohto, John Jalmar	Sophomore	Fairport Harbor
Poland, George Alec	Sophomore	Bellaire
Poling, Robert Thomas	Junior	Ansonia
Pollard, John Albert	Freshman	Toledo
Pollard, Robert Thomas	Junior	Toledo
Pond, Helen, S. S.		DeGraff
Pool, Elizabeth Agnes	Junior	Quincy
Pool, Robert Lawrence	Freshman	Quincy
Porter, Dorothy Frances	Sophomore	Steubenville
Porter, John Jackson	Sophomore	Ashtabula
Porter, M. Kemper	Sophomore	Aberdeen
Porter, William G.	Senior	Columbus
Portz, Ellis R., S. S.	Senior	Baltic
Potter, Kenneth Brown	Sophomore	Cleveland
Potts, George Meredith	Junior	Wooster
Powell, Helen Frances	Freshman	Columbus
Pratt, Karl Chapman	Sophomore	Wellington
Prechtel, William Victor, S. S.		Norwalk
Preest, Nellie Irene	Freshman	Columbus

Name	*Rank*	*Home Address*
Prentiss, Ransome	Sophomore	East Akron
Preston, Georgiana Juliet	Freshman	Columbus
Price, Catherine Koch	Freshman	Shelby
Price, Erwin Hugh, S. S.		Linden Heights
Price, Gustavus A.	Sophomore	McAlester, Okla.
Price, Lloyd Reynold	Freshman	Canton
Price, William Herbert	Sophomore	Columbus
Prince, John Joseph	Freshman	Cleveland
Priode, Charles Henry	Freshman	Pomeroy
Probst, Leighton Knight	Freshman	Columbus
Proctor, Helen Drain	Sophomore	Barlow
Proctor, Marion Adelaide	Senior	Glen Ellyn, Ill.
Prosser, David Stanley	Freshman	Miami, Fla.
Pryor, John Edmund	Sophomore	Lake View
Puckett, Dewey Ellsworth	Freshman	Columbus
Pugh, Frederick Mercer	Freshman	Hicksville
Pugh, George Bernard	Freshman	Lima
Pumphrey, Raymond Wood	Freshman	Clayton
Purdin, Martin Lester	Freshman	West Union
Purdom, David Lawrence	Junior	Xenia
Purpus, Eleanor Louise	Freshman	New Bremen
Quayle, James Thorley	Special	Cleveland
Quick, Walter Atkinson	Freshman	Caldwell
Quinones, Carmelo, S. S.	Sophomore	Vieques, Porto Rico
Rabb, Saul Isaac	Sophomore	Indianapolis, Ind.
Radebaugh, Catherine	Freshman	Lancaster
Rader, Homer John	Sophomore	Columbus
Rahn, Orla Eugene	Freshman	Sidney
Rainey, Paul Rees	Sophomore	Georgetown
Ralls, John Henson, S. S.	Sophomore	Columbus
Ralls, Robert Russell	Freshman	Xenia
Ramage, Archie Barrett	Freshman	Warnock
Rambar, Dorothy Ethel	Senior	Cambridge
Ramsey, Frances G.	Sophomore	Belle Center
Ranallo, Joe	Sophomore	Cleveland
Raney, Vernon Edward	Freshman	Youngstown
Rannells, Edward Warder	Special	Springfield
Ranshahous, Lester Lambert	Freshman	Wheelersburg
Rapp, Walter	Special	Piketon
Rauch, Eleanor Irene	Junior	Columbiana
Rawers, Clarence Bernard	Sophomore	New Bremen
Rawson, Edward Gray	Sophomore	Parkersburg, W. Va.
Rawson, Stanley Warren	Freshman	Parkersburg, W. Va.
Raymond, Eugenia, S. S.		Columbus
Read, Wilfred Lawrence	Freshman	Lakewood
Reams, Don Herschel	Freshman	Lewistown
Reaser, Ralph	Freshman	Columbus
Rebor, Freda	Special	Columbus
Redfield, Margaret Agnes	Freshman	Columbus

Name	*Rank*	*Home Address*
Redman, Albert E.	Sophomore	Columbus
Redondo, Sisenando Darang	Sophomore	San Estaban, P. I.
Reed, Dorothy Emilie	Freshman	Columbus
Reed, Earle	Freshman	Columbus
Reed, George Negley	Freshman	Marietta
Reed, Julia Elizabeth	Freshman	Columbus
Reed, Laurence Forbes	Sophomore	Macedonia
Reed, Lewis Thorpe	Freshman	Marietta
Reed, Thelma Jane	Junior	Gettysburg
Reed, William Thomas	Freshman	Columbus
Reeder, George Frederick	Freshman	Columbus
Reese, Delbert Theodore	Sophomore	Glen Roy
Reese, Margaret Jeannette	Sophomore	Middletown
Reeves, Marjorie Ethel	Freshman	Lakewood
Regan, Matthew, S. S.		Wilmington
Rehl, John Marks, S. S.	Sophomore	Columbus
Reichelderfer, Karl	Senior	Amanda
Reifinger, Howard George	Freshman	Mineral Ridge
Reighard, Kenneth E., S. S.		Columbus
Reinartz, Charles Herbert	Sophomore	East Liverpool
Reinartz, Paul Victor	Freshman	East Liverpool
Reinhart, Harry Louis, S. S.		Stanford, Ky.
Reiser, Carleton C.	Junior	Napoleon
Reiser, Oliver L., S. S.	Senior	Columbus
Reisgen, Walter E., Jr.	Sophomore	Ford City, Pa.
Rekart, Ralph John	Freshman	Ottoville
Renick, Alice Wilda	Sophomore	Williamsport
Repasky, John	Freshman	Kenmore
Resler, Frank Cooper	Junior	Columbus
Ress, George Lenard	Freshman	Columbus
Rex, Elmer Galen	Sophomore	Reinersville
Reyer, Karl Dustin	Sophomore	Lafayette, Ind.
Reyes, Juan de los, S. S.	Freshman	Bulacan, P. I.
Reynard, John M.	Sophomore	Union City, Ind.
Reynolds, Mary Elizabeth	Senior	Columbus
Reynolds, Morris Deitsch	Sophomore	Spencerville
Rible, Robert Jerome	Freshman	Columbus
Rice, Hannah Lucile	Sophomore	New Vienna
Rice, Harold Smith	Junior	Columbus
Rice, Shirley Louise	Freshman	Columbus
Richards, Mary Elizabeth	Freshman	Columbus
Richards, Vernon Kilburn	Senior	Toledo
Richardson, John H., S. S.	Sophomore	Spencerville
Richardson, Josephine	Freshman	Columbus
Richardson, Lucile Maxine	Sophomore	Columbus
Richardson, Rose Katherine	Sophomore	Columbus
Richeson, Ruth, S. S.		Union City, Ind.
Richley, Edward Charles	Sophomore	Middletown

Name	*Rank*	*Home Address*
Richman, Paul	Freshman	Columbus
Rickman, Walter, S. S.		Cleveland
Riddell, Lawrence Anderson	Freshman	Xenia
Ridenour, Gaylord L.	Freshman	Van Wert
Ridgway, Clair	Sophomore	LaRue
Riebel, Francis A.	Sophomore	Columbus
Ries, Alfred	Freshman	Niles
Ries, Paul F., S. S.		Kenton
Rife, Neill	Senior	Circleville
Riggs, Lowell Edward	Freshman	Raccoon Island
Rightmire, Duane	Sophomore	Mt. Vernon
Riley, Margaret Alene	Sophomore	Marion
Rimer, Florence Irene	Freshman	Greenville
Rimer, John Russell	Sophomore	Columbus
Rinesmith, John Hankinson	Freshman	Columbus
Ring, Homer Edwin, S. S.		Bellaire
Rini, Martin Mathew, S. S.	Freshman	Cleveland
Ripley, Joseph Marion	Freshman	Uhrichsville
Rippl, George LaRue	Freshman	West Lafayette
Rippl, Waive Burdelle	Freshman	West Lafayette
Ritchey, George Emmett, Jr.	Freshman	Columbus
Ritchey, Grace Maree, S. S.		Columbus
Roache, Seldon M.	Freshman	Dayton
Roberts, Catherine Jane	Freshman	Columbus
Roberts, Joseph Frederick	Special	Columbus
Roberts, Josephine Elizabeth, S. S.		Sharon, Pa.
Roberts, Margaret	Freshman	Columbus
Roberts, Waid C.	Freshman	Racine
Robertson, Charles Davidson, S. S.		Columbus
Robertson, Kenneth Chester, S. S.	Junior	Lowellville
Robertson, Marian Howells	Senior	Waynesboro, Va.
Robinowitz, Harry E.	Freshman	Columbus
Robins, Janet	Freshman	Columbus
Robinson, Donald Edwin	Senior	Middlefield
Robinson, Dudley Bell, S. S.		Columbus
Robinson, Sara Louise	Junior	Columbus
Robishaw, Ruth A.	Senior	Cleveland
Roby, Virgil Verlin	Freshman	Hamilton
Roche, William Carver	Sophomore	Harrisville
Roche, William Henry	Freshman	Old Forge, Pa.
Rode, Kenneth Maurer	Sophomore	Cleveland
Roderick, Morgan William	Sophomore	Oak Harbor
Rodgers, James Marshall	Freshman	Pittsburgh, Pa.
Rodock, Roy Edgar, S. S.		Coshocton
Rodock, Zelpha Endsley, S. S.		Coshocton
Roehm, Fred Richard	Junior	Columbus
Roehm, Ralph Davis	Senior	Columbus
Roenker, Charles Joseph	Freshman	Linden Heights

Name	*Rank*	*Home Address*
Rogers, Estella Faye	Freshman	Columbus
Rogers, Inez Christina	Sophomore	Columbus
Rogers, Juliet Hollister	Freshman	Columbus
Rogers, J. Warren	Freshman	Bloomingburg
Rogers, Lenora	Sophomore	Columbus
Rogers, Mabel Varie	Sophomore	Waynesfield
Rogers, Mildred Dean	Freshman	Hilliards
Rogers, Robert Standish	Sophomore	Toledo
Rohr, Lovell Wilson	Sophomore	Columbus
Rohrer, Esther Waldien	Sophomore	Stanleyville
Root, Dorothy Lida	Senior	Columbus
Root, Jane Frances	Freshman	Kinsman
Rose, Clayton Walpool	Sophomore	Cecil
Rose, Emanuel Myron	Freshman	Columbus
Rose, Margaret Ellen	Sophomore	Grafton
Rosenberger, Ross Dewey	Sophomore	West Mansfield
Rosenblith, Isadore	Sophomore	Ashtabula
Rosensweet, Joseph	Freshman	Dayton
Ross, Donald McKaig	Sophomore	Columbus
Ross, Hudson Frederick	Senior	Columbus
Ross, Martin Maley	Freshman	Columbus
Ross, Sara	Sophomore	Wellsville
Rossel, Clyde S.	Sophomore	Orrville
Rosselot, Carroll William	Sophomore	Columbus
Roth, Aaron Hyman	Freshman	Akron
Roth, Herman Fredrick	Sophomore	Norwalk
Rothenberg, Maurice Bernhardt	Special	Dayton
Rothschild, Ben	Freshman	Youngstown
Rothschild, Rose	Freshman	Youngstown
Roush, Geraldine H., S.S.	Senior	Columbus
Rowe, Ethel Lillian	Freshman	Columbus
Rowland, Helena Mary	Freshman	Columbus
Rowlands, Hobart Ernest	Junior	Delaware
Rowles, Donald Rankin	Sophomore	Columbus
Royer, Edward George	Freshman	Leetonia
Rozelle, Edna Alice	Sophomore	Solon
Rubertino, Gust Daniel, S.S.	Junior	South Euclid
Ruckman, James Merritt	Sophomore	LaRue
Rudy, Josephine Stephens	Junior	Chicago, Ill.
Rufenach, Clarence O.	Sophomore	Newcomerstown
Runkle, Evelyn Carolyn	Freshman	Kinsman
Runnnels, Harmon Avery	Sophomore	Johnstown
Russell, Albert B.	Freshman	Mt. Gilead
Russell, John Musgrove	Freshman	Youngstown
Russell, Robert Cover	Junior	Bellville
Russell, Willard Dale	Freshman	Pomeroy
Rutledge, Russell Weldon	Freshman	Portsmouth
Ryan, Daniel R.	Sophomore	Columbus

Name	*Rank*	*Home Address*
Ryan, John Joseph	Sophomore	Circleville
Ryan, Leo James	Sophomore	Bennington, Vt.
Ryan, Paul J., S. S.	Sophomore	Columbus
Ryan, Thomas James	Sophomore	Columbus
Rybicki, Joseph Alosius	Freshman	Cleveland
Rymer, H. Ralph	Freshman	Harrisville, W. Va.
Sager, Ella, S. S.		Worthington
Salt, Ellis Benton	Sophomore	Columbus
Salzman, Arthur Aaron	Sophomore	Cleveland
Samman, Elizabeth Anne	Freshman	Avon Lake
Sammet, William Russell	Junior	Versailles
Sampliner, Samuel Solomon	Freshman	Cleveland
Samsel, Jacob Alva	Sophomore	Mansfield
Sanders, Karl William	Freshman	Lorain
Sanders, Laurella Wittich	Sophomore	Ashtabula
Sanders, Phosa Blaine, S. S.		Columbus
Sands, Olive Ruth	Freshman	Columbus
Sanford, Charles Butler	Freshman	Columbus
Sanford, Frances Llewellyn	Sophomore	Columbus
Santley, Ruth Ann	Senior	Columbus
Saunders, Edgar Alfred	Freshman	Cleveland
Saunders, Edgar Dwight	Freshman	Montgomery, W. Va.
Savage, Merion Elizabeth	Sophomore	Columbus
Saviers, Naomi Angeline	Junior	Akron
Sayre, Henry Melville	Junior	Columbus
Schachner, Joseph Morris	Freshman	Akron
Schachtele, Carl John	Sophomore	Bellevue
Schaeffer, Ethan Allan	Freshman	Springfield
Schaeffing, Karl	Sophomore	Columbus
Schaller, William Henry	Freshman	Cleveland
Schardt, Paul Bernard	Freshman	Dayton
Schatenstein, Anne	Sophomore	Columbus
Scheetz, Cornelius Howard, S. S.	Junior	Glenford
Schell, Herbert Phillip	Freshman	Columbus
Schellenger, Harold Kent	Freshman	Jackson
Schiff, Dora	Sophomore	Columbus
Schiff, Harry	Junior	Columbus
Schiff, Lillian Selma	Freshman	Columbus
Schindler, William Earnest	Freshman	Findlay
Schirtzinger, Raymond C.	Sophomore	Columbus
Schlemmer, James Warren	Sophomore	Akron
Schlingman, Martha Alviena	Senior	Eaton
Schlitt, Verna Adele, S. S.	Junior	Columbus
Schlose, Gertrude Marie	Sophomore	Columbus
Schloss, Eugene Mathias	Freshman	Portsmouth
Schlott, McKinley Alfred	Freshman	Louisville
Schneemilch, Donald Henry	Sophomore	Columbus
Schneider, Howard Miller	Sophomore	Trinway

Name	*Rank*	*Home Address*
Scholl, Marion Dow, S. S.		Bremen
Schoner, Paul Wise	Senior	Hartville
Schooler, Clare Ethel	Sophomore	Columbus
Schrage, Carl Arnold	Sophomore	New Bremen
Schreiber, Erwin Ackerman, S. S.	Junior	Columbus
Schroeder, Raymond Carl	Freshman	South Euclid
Schroeder, Victor Christian	Sophomore	South Euclid
Schroeter, Ivo Joseph	Sophomore	Columbus
Schubert, Frank Patrick	Sophomore	Ford City, Pa.
Schuette, Virginia	Freshman	Columbus
Schultz, Joseph Johnston, S. S.		Cleveland
Schulz, Freda Anna	Junior	Columbus
Schwartz, Elmer Irwin	Freshman	Cleveland
Schwartz, Harry	Sophomore	Columbus
Schweikert, Mabel, S. S.		Newport, Ky.
Schwenk, Norman Clarence	Junior	Cleveland
Schwensen, Henry James	Freshman	Elyria
Schwiebert, Ernest George, S. S.		Deshler
Scofield, Paul	Freshman	Columbus
Scott, Benjamin Harrison	Junior	Lynchburg, Va.
Scott, Cash Leon, S. S.		New Vienna
Scott, Cecil Kay	Sophomore	Salem
Scott, Herman Lee	Freshman	Sidney
Scott, James Edward, S. S.		Washington, D. C.
Scott, John	Special	Columbus
Scott, Joseph Leo, S. S.	Sophomore	Columbus
Scott, Kenneth Parker	Freshman	Elyria
Scott, Lucille Marjorie	Junior	Huntington, W. Va.
Scott, Olive Jessie	Sophomore	Detroit, Mich.
Scullion, Cecil Leon	Freshman	Salem
Searles, Jackson, S. S.		Columbus
Sebald, John Thomas	Freshman	Middletown
Sebring, Earl Eugene	Junior	Galion
Secrest, Louise	Freshman	Chillicothe
Secrest, Roy Jacob	Freshman	Pleasant City
Secrist, Glenn Traxler	Freshman	Columbus
Seeds, Anita Marguerite, S. S.	Junior	Columbus
Seeds, Ian	Sophomore	Columbus
Seeger, Thelma Leone	Sophomore	Bucyrus
Segna, Ferdinand, S. S.	Sophomore	Columbus
Seikel, George Ralph	Sophomore	Dover
Seikel, Lewis Andrew	Junior	Dover
Selbach, Lucille Marie	Sophomore	Columbus
Seltsam, Erwin	Freshman	Columbus
Semler, Thomas Sherman	Freshman	Bellevue, Mich.
Serp, Orwin John	Freshman	Bedford
Sexton, Lester Walker	Freshman	Lisbon
Seymour, Evelyn Owens	Special	Columbus

Name	*Rank*	*Home Address*
Shadaker, Clarence DeWitt, S. S.	Sophomore	Marion
Shaffer, Amos Dewey	Freshman	Belpre
Shaffer, Donna Evilo, S. S.	Junior	Bryan
Sharer, Beryl Weston	Sophomore	Bucyrus
Sharer, Harvey Burdell	Freshman	Bucyrus
Sharp, Burdena	Sophomore	Middleburg
Sharp, Thelma Fern	Senior	Columbus
Sharp, Violet Edwilda	Freshman	Columbus
Shaw, Eleanor Ruth	Senior	Dayton
Shaw, Harry Arnold	Sophomore	Westerville
Shaw, John Watters	Senior	Cardington
Shaw, Mary Josephine	Freshman	Gallipolis
Shaw, Melville James	Freshman	Wapakoneta
Shaw, Milton O.	Sophomore	Columbus
Shaw, Rhoderick Reese, S. S.	Sophomore	Lancaster
Shaw, Robert Hanna	Sophomore	Mechanicsburg
Shaw, William Tsungyuen	Freshman	Shanghai, China
Sheets, Ruth Catherine	Freshman	Columbus
Sheinbart, David Philip	Sophomore	Cleveland
Shelhamer, Vernon Opal, S. S.	Senior	Columbus
Shen, Tseng Hu	Freshman	Peking, China
Shenker, Samuel, S. S.	Senior	Columbus
Shepard, Seth Armstrong	Freshman	Melmore
Shepherd, Anna Kathryn	Sophomore	Columbus
Shepherd, Howard Edgar	Freshman	South Euclid
Sheppard, Leander William, S. S.		Columbus
Sherman, Howard Hance	Freshman	Columbus
Sherman, Theodore Bruning	Freshman	Columbus
Shimansky, Lee Edgar	Freshman	Cleveland
Shinabery, Lawrence, S. S.		Grover Hill
Shinn, William Thomas	Freshman	Montpelier
Shipley, John Harold	Freshman	Centerburg
Shively, Emma Louise	Freshman	Columbus
Shively, Mary Elizabeth	Sophomore	Columbus
Shlonsky, Louis	Freshman	Columbus
Shockey, Mary Louise	Sophomore	Columbus
Shollenbarger, Ruth Jeannette, S. S.	Sophomore	Columbus
Shontz, Donald D.	Sophomore	Leetonia
Shook, Mary Helen	Freshman	Columbus
Short, Warren Leon	Sophomore	Buffalo, N. Y.
Shouvlin, Joseph C.	Junior	Springfield
Shouvlin, Raphael Joseph	Senior	Springfield
Shover, Carina Marie	Sophomore	Columbus
Shrieves, William Sheldon	Junior	Wilmington
Shriner, Charles G.	Sophomore	Columbus
Shryock, Kathryn	Freshman	Zanesville
Shugert, Frank Clifton	Sophomore	Columbus
Shulman, Evalyn	Freshman	Columbus

Name	*Rank*	*Home Address*
Shuman, William Lawrence	Senior	Willard
Shustic, Abe Morris	Sophomore	Columbus
Siebert, George Henry, S. S.	Senior	Columbus
Siebert, William Ludwick	Freshman	Berea
Siegel, Charles Milton, S. S.		Newport, Ky.
Siegel, Harry Harman	Senior	Newport, Ky.
Siegwarth, Henry John, S. S.		Barberton
Siggins, Frank Edward, S. S.	Junior	Cody, Wyo.
Silbaugh, Gertrude Everleigh	Freshman	Lancaster
Sillman, Justin	Freshman	Columbus
Silver, Samuel Hyman	Freshman	Cleveland
Silverman, Elizabeth	Sophomore	Columbus
Silverman, Harriet	Junior	Columbus
Silverman, Samuel	Junior	Columbus
Sim, Mary Bechtol	Freshman	Ashtabula
Simon, Clyde Maxwell, S. S.	Freshman	Bloomdale
Simpson, Fred Sudlow	Sophomore	Columbus
Simpson, Louis Reilly	Freshman	Columbus
Simpson, Ralph Herbert	Sophomore	Columbus
Sinclair, Clayton Frederick, S. S.		Lima
Sinclair, Norris Albert	Junior	Lorain
Sipin, Telesforo Carino	Sophomore	Santiago, P. I.
Sisson, Marguerite	Senior	Georgetown
Sitler, Dewey Oran	Sophomore	Columbiana
Sivon, Robert Anthony	Freshman	Perry
Skaates, Claude Calhoun	Freshman	Columbus
Skeel, Lois Fern	Senior	Cleveland
Skeele, Bradley, S. S.	Sophomore	Columbus
Skimming, Ruth Elizabeth	Junior	Columbus
Skinner, James Marshall, Jr., S. S.		New Martinsville, W. Va.
Slade, John Gamaliel	Freshman	Portsmouth
Slater, Ernest Charles	Sophomore	Akron
Slawik, Cecelia Elizabeth	Junior	Alliance
Slaybaugh, Charles Shannon	Sophomore	Barberton
Slenker, Winifred Kathleen, S. S.		East Liberty
Slocum, John Ruby	Freshman	Barberton
Smalley, Grace Mary	Freshman	Good Hope
Smalley, James Conley	Sophomore	Ironton
Smart, John Townshend	Sophomore	Marion
Smith, Adrianne Lunette	Freshman	Columbus
Smith, Aleen F.	Sophomore	Columbus
Smith, Clara Edythe, S. S.	Junior	Huntington, W. Va.
Smith, Donald Albert	Sophomore	Hartford, W. Va.
Smith, Donald Charles	Sophomore	Oak Harbor
Smith, Dorothy Mae	Freshman	Columbus
Smith, Edgar Paul	Sophomore	Cardington
Smith, Edna Mae	Sophomore	Akron
Smith, Elizabeth Keith	Junior	Parkersburg, W. Va.

Name	*Rank*	*Home Address*
Smith, Elrath O'Dell	Sophomore	Pataskala
Smith, Eva Elizabeth	Freshman	Worthington
Smith, Floyd Kithcart	Freshman	Smithfield
Smith, Frances Marian	Sophomore	Columbus
Smith, George Dewey	Freshman	Columbus
Smith, Helen Martha	Freshman	Columbus
Smith, Ivan Campbell	Sophomore	Columbus
Smith, John Frederick	Sophomore	Columbus
Smith, John Morris	Sophomore	Toledo
Smith, Keith Ramsey	Freshman	Clarksburg, W. Va.
Smith, Lillian Kirkwood	Sophomore	Cadiz
Smith, Marjorie Elvira	Freshman	Columbus
Smith, Mary Frances, S. S.		Chillicothe
Smith, Mary Margaret	Junior	Worthington
Smith, Noah Ellsworth, Jr.	Sophomore	Columbus
Smith, Owen Earl, S. S.	Sophomore	Newcomerstown
Smith, Phyllis Eugenia	Freshman	Columbus
Smith, Robert Bruce, Jr.	Sophomore	Springfield
Smith, Ruth Garland	Freshman	Columbus
Smith, Walter Alan	Sophomore	Columbus
Smith, William Jay	Sophomore	McComb
Smoke, Kenneth Ludwig	Freshman	Columbus
Smoot, Charles Fred	Sophomore	Troy
Smoot, Rexford Myers	Senior	Troy
Snedden, Leurie Wright	Freshman	Murray
Snider, Margaret Theora	Senior	Columbus
Snider, Walter Richard	Freshman	Circleville
Snyder, Clarence Earl	Sophomore	Columbus
Snyder, Edward B.	Senior	Pittsburgh, Pa.
Snyder, Hartley Deal	Freshman	Columbus
Snyder, Victor LeRoy	Freshman	Findlay
Snypp, Wilbur Evan	Freshman	Columbus
Sobel, Harvey Martin	Sophomore	Columbus
Solt, William Charles	Sophomore	Lancaster
Sommer, Marcella Mary	Sophomore	Portsmouth
Sorensen, Andrew Linnet	Freshman	Richfield
Sorensen, Robert Streeter	Freshman	Port Clinton
Spaeth, Burdette Frederick	Sophomore	Mantua
Spangler, Rodney Wilkin	Freshman	Lancaster
Spangler, Stuart Clifford, S. S.		Jackson
Sparrow, Pauline Edithe	Sophomore	Columbus
Spatz, Edna	Freshman	Columbus
Speckman, Lloyd George	Freshman	New Bremen
Speer, William Raymond, S. S.	Sophomore	Columbus
Sperry, Robert Theodore	Freshman	Ashley
Spetnagel, Frederick Kibler	Junior	Chillicothe
Sprague, Edgar Arthur	Sophomore	Columbus
Spratt, Bryce Elliott	Special	Columbus

Name	*Rank*	*Home Address*
Springer, Anne Longeay	Sophomore	Columbus
Spung, Lyman	Freshman	Columbus
Stack, James Joseph	Freshman	Lorain
Stackhouse, Scott Harold	Freshman	Springfield
Stadler, Wilma Dorothy	Freshman	Brecksville
Stahl, Harold Leon	Freshman	Columbus
Stambaugh, Josephine, S. S.		Falls Church, Va.
Stanley, Marjorie Ruth, S. S.	Senior	Columbus
Stansbury, Rodney Reed, Jr.	Sophomore	Lima
Stapf, Harlow Anthony, S. S.		Willard
Steele, James Thomas	Freshman	New Castle, Ind.
Steiner, Jacob Joseph	Freshman	Ironton
Stellhorn, Luther William	Junior	Sandusky
Stemler, Margaret	Senior	Good Hope
Stephenson, Geneva	Freshman	Newark
Stern, Jeannette Julyan	Freshman	Cleveland
Sternlieb, Max	Freshman	Cleveland
Stevens, Clara Ermel	Senior	Columbus
Stevens, Lawrence Edwin	Senior	Marion
Stevenson, Edna Rose	Senior	Columbus
Stevenson, Mary Brunetta	Senior	Columbus
Stevenson, Scott Hugh	Sophomore	Columbus
Stevenson, Wilmer McClure, S. S.	Junior	McComb
Stewart, Charles Gideon	Sophomore	Norwalk
Stewart, Dorothy	Sophomore	Ridgeway
Stewart, Harold Edison	Sophomore	Duvall
Stewart, John Edward	Freshman	Columbus
Stewart, Ulma Harris	Senior	Belle Center
Stewart, William Albert	Freshman	Columbus
Stichter, Wayne Edwin	Junior	Bradford
Stiffler, Geneva Edna	Sophomore	Marion
Stimmel, Nona Carroll	Senior	Columbus
Stimson, Ralph Humphreys	Senior	Columbus
Stites, Howard Elmer	Freshman	Fayette
Stout, Albert Francis	Freshman	St. Marys
Strahl, Phyllis Naomi	Freshman	Columbus
Stratton, Harry James	Sophomore	Collins
Stratton, Vera Glycene	Freshman	Cleveland
Straw, Ethel Marie	Freshman	Ohio City
Straw, Eugene Dailey	Freshman	Ohio City
Strawbridge, Milton Anderson	Junior	Findlay
Strehli, Alfred Bell	Freshman	Parkersburg, W. Va.
Streich, Harold John	Freshman	Cleveland
Strobel, Blanche, S. S.		New Vienna
Stroedter, Esther	Junior	Columbus
Stroedter, Hulda Anna	Freshman	Columbus
Stroefer, Leon Frederick	Freshman	New Bremen
Strom, Pearl Beatrice	Freshman	Dayton

Name	*Rank*	*Home Address*
Strong, Lester, S. S.		Columbus
Stuart, John Davis	Freshman	Massillon
Stull, Lena Elizabeth, S. S.		Columbus
Stull, Neil Francis	Junior	Columbus
Stump, Kathryn Isabelle	Sophomore	Marion
Stumph, Lillian Estella	Freshman	Columbus
Suck, Gertrude Leland	Special	Columbus
Sudlow, Edward Lloyd, S. S.	Senior	New Plymouth
Sudlow, Florence Edna	Freshman	New Plymouth
Sulzer, Christine	Junior	Columbus
Summer, William Moots	Freshman	Marysville
Summers, Donald Forest	Freshman	Lilly Chapel
Summers, Russell Albert	Freshman	West Jefferson
Summy, Frances Elizabeth	Freshman	Columbus
Sutherly, Almeda Fern	Freshman	Columbus
Sutphen, Albert Harley	Sophomore	Columbus
Sutphen, Florence Lucille, S. S.		Columbus
Sutton, Luther Albert	Freshman	Urbana
Svoboda, Joseph Edward	Junior	Cleveland
Swaney, Edith May	Sophomore	Youngstown
Swank, William J. Bryan	Sophomore	Lewisburg
Sweeney, Kathryn Agnes	Senior	Marion
Swisher, Bernhardt Sterling, S. S.	Junior	Columbus
Swisher, Dwight Alston	Sophomore	Columbus
Swisher, Mark Henry, S. S.	Sophomore	Columbus
Swisher, Otto Jay, Jr.	Freshman	Columbus
Swisher, Walter Ray	Freshman	Lost Creek, W. Va.
Sydow, Arnold Frederick	Sophomore	Cleveland
Taber, Lawrence Everett	Sophomore	Edison
Tackleson, Mary Viola	Freshman	Dayton
Taggart, Robert Donald	Freshman	Massillon
Talbot, Lorin Hunt	Freshman	Columbus
Tallant, James Calvin	Special	Murrysville, Pa.
Tamarkin, Sam	Junior	Youngstown
Tannehill, Helen Elizabeth	Junior	Columbus
Tanner, John Robert	Freshman	London
Tanner, Lucetta Caroline	Senior	Columbus
Tatman, Francis Durbin	Freshman	Connersville, Ind.
Tatman, Webster Hutchins	Freshman	Connersville, Ind.
Taylor, Curtis Edward	Sophomore	Crooksville
Taylor, Diana	Junior	Columbus
Taylor, Edmond Skillman, S. S.		Dayton
Taylor, Katharine Colmery	Junior	Columbus
Taylor, Leland Alvero	Sophomore	New Holland
Taylor, Lloyd Robert	Sophomore	Cleveland
Taylor, Louise Huston	Sophomore	Toledo
Taylor, Louis LeGrand, S. S.		Columbus
Taylor, Mamie Stump	Sophomore	West Jefferson

Name	*Rank*	*Home Address*
Taylor, Maude Ellen	Sophomore	North Canton
Taylor, Robert Roy	Sophomore	Columbus
Taylor, Stafford Russell	Freshman	Columbus
Taylor, William Mark, S. S.		Worthington
Teach, Winifred Duphorne	Sophomore	Columbus
Teachnor, Galen Sumner	Sophomore	Columbus
Teachnor, Martha	Sophomore	Columbus
Teare, John Ceasar	Freshman	Warrensville
Teeple, Francis Martin	Sophomore	Ridgeville Corners
Tekesky, Frank Edward	Sophomore	Cleveland
Terry, Marshall Orlando	Freshman	Cleveland
Tetlow, Harry L.	Sophomore	Salem
Thom, Wah-Ding	Senior	Honolulu, Hawaii
Thoma, Helen Mary	Sophomore	Norwalk
Thomas, Albert Elwood	Freshman	Lima
Thomas, Charles VanPelt	Freshman	Bridgeport
Thomas, Harold Dwight	Sophomore	Marion
Thomas, Harold Edward	Freshman	Lima
Thomas, Olin Eugene	Junior	Cleveland
Thomas, Stanley Gordon	Freshman	Columbus
Thomas, William Adrian, S. S.		Salesville
Thomen, Walter William	Sophomore	Columbus
Thompson, Helen Alice	Sophomore	Columbus
Thompson, James Henry	Freshman	Bradley
Thompson, Lillian Millson	Freshman	Columbus
Thompson, Preston Earl, S. S.		Columbus
Thomson, Anthony Wayne, Jr.	Freshman	Catlettsburg, Ky.
Thomson, Frances Hanna	Special	Columbus
Thomson, John Howard	Freshman	Columbus
Thorley, Dan Monroe	Sophomore	Canton
Thornhill, Edna Esculene, S. S.		Granville
Thurness, Mary Leone	Freshman	Logan
Tice, Herman Oscar	Freshman	Powell
Tidrick, Lucile	Freshman	Columbus
Tilton, Earle Barrett	Sophomore	Zanesville
Timmons, Frances	Sophomore	New Holland
Timmons, Lillian	Freshman	New Holland
Tipton, Harold Voorhise	Sophomore	Lancaster
Tisdall, Evelyn Victoria	Sophomore	Columbus
Tishler, Carl Edward	Freshman	Warrensville
Tobin, Dallas Remenia	Sophomore	Lancaster
Todd, Dorothy Emily	Freshman	Columbus
Todd, Henry Ebenezer	Sophomore	Columbus
Todd, Janice Eleanor	Freshman	Canton
Todd, Lucile	Junior	Huntington, W. Va.
Toffler, Aaron	Freshman	Cleveland
Tolland, Charles White	Freshman	Cleveland
Torbet, Fred Adams	Sophomore	Zanesville

Name	*Rank*	*Home Address*
Town, Arno Emerson, S. S.		Barberton
Towns, Viola Rose	Freshman	Columbus
Townsend, Kyle Edward, S. S.		Lima
Tracy, Christine Louise	Sophomore	Columbus
Tracy, Roger Walker	Freshman	Columbus
Trantham, Homer	Sophomore	Abilene, Texas
Trautman, Lorine Katherine	Freshman	Columbus
Trautman, Robert Frederick	Sophomore	Bucyrus
Trautwein, Chester Frederick	Freshman	New Bremen
Trechsler, Roberta Emilie	Freshman	Birmingham, Ala.
Tremaine, DeWitt Carleton	Freshman	Cleveland
Tressler, Maurice Shearer	Senior	Montpelier
Trimple, Viola Mae	Sophomore	Solon
Troeger, Carl Henry	Sophomore	Haviland
Trone, Jeannette, S. S.	Sophomore	Columbus
Trostel, William	Freshman	New Carlisle
Trott, Dean Wakefield, S. S.	Junior	Columbus
Truat, Noah Hartman	Freshman	Lewistown
Tully, Frank Cretcher	Junior	DeGraff
Turner, Emma Etta, S. S.		Columbus
Turner, Norma Ellen, S. S.		Columbus
Turner, Roger Emerson, S. S.	Sophomore	Columbus
Turton, Murrel Hodges, S. S.		Lebanon
Underwood, Paul Leon	Freshman	Lodi
Updegraff, Winston Robert	Sophomore	Martins Ferry
Utley, Bernice	Freshman	Sunbury
Vagnier, Francis Russell	Sophomore	Columbus
Vail, Helen, S. S.	Junior	Columbus
Valentine, Mildred Aileen	Freshman	Toledo
VanAtta, Byron	Freshman	Pataskala
VanBenschoten, Alta	Junior	Clyde
VanDyke, Donald Coyle	Freshman	Akron
VanDyke, John Morrow, S. S.		Hammondsville
VanFossan, Robert Leland	Freshman	Lisbon
VanMason, Charles Emmett, S. S.		Montpelier
VanNess, Romaine Leora	Freshman	Columbus
VanSchoyck, Margaret	Freshman	Hilliards
Varley, Katherine Marcella	Junior	Columbus
Varley, Margaret Frances	Junior	Columbus
Varner, Oliver Edward	Freshman	Columbus
Varvel, Carl Dudley	Sophomore	Kenton
Vaughn, Chester Curtis	Freshman	Verona
Veh, Harry Michael	Junior	Oak Harbor
Velte, Robert Hinkle	Sophomore	West Middletown
Venrick, Harlan Wilson	Senior	Payne
Vermilya, Ray Nelson	Sophomore	Bowling Green
Vessy, Jeannette LaVerne	Sophomore	South Euclid
Veth, Ruth Marie	Senior	Columbus

Name	*Rank*	*Home Address*
Villarosa, Andres F.	Freshman	Bulacan, P. I.
Vinegar, Elizabeth Upthegrove, S. S.		Paulding
Voelker, Harold Herdman	Freshman	Columbus
Vogel, Ralph Anthony, S. S.	Sophomore	Columbus
Voke, Edward Lawrence, S. S.	Senior	Columbus
Volk, Clara	Senior	Columbus
Vollrath, Harry Charles	Freshman	Cincinnati
VonBerge, Irene Ruth	Senior	Dayton
Vought, William	Sophomore	Columbus
Wade, Robert Verne	Freshman	Martins Ferry
Wadsworth, Elizabeth	Sophomore	Washington, D. C.
Wadsworth, Zoe	Sophomore	Washington, D. C.
Wagner, Alma Louise	Senior	Cleveland
Wagner, Charlotte Carlena	Junior	Worthington
Wagner, Donald Owen	Senior	Columbus
Wagner, Gerald William	Sophomore	Bellaire
Wagner, Melvin Christopher	Sophomore	Columbus
Wahl, Alice	Junior	Columbus
Waite, Carl Hinckley	Sophomore	Medina
Walcutt, Laura Ann	Sophomore	Columbus
Walcutt, Millicent May, S.S.	Freshman	Columbus
Waldeck, William Prichard	Sophomore	Huntington, W. Va.
Walker, Eli F.	Freshman	Martins Ferry
Walker, Elizabeth Wylie	Senior	Kimbolton
Walker, Madonna	Freshman	Columbus
Wallace, Robert Burns	Freshman	Coshocton
Wallick, Rex Leland	Freshman	Columbus
Wallace, William Howard	Freshman	Columbus
Wallin, Virginia, S. S.	Junior	Columbus
Walsh, Ralph Charles, S. S.		Cleveland
Waltenberg, Helen Augusta	Freshman	Columbus
Walter, Isabel	Sophomore	Columbus
Walters, Doyt Allen	Sophomore	Van Wert
Walters, Emrys Llewellyn	Special	Columbus
Walters, Howard Vaughn	Freshman	Columbus
Walton, Albert Barnsdall	Freshman	Columbus
Waltz, Richard Rinard	Freshman	Delta
Walworth, John Dunlap	Freshman	East Cleveland
Wandel, William Gustave	Sophomore	Lima
Ward, Harold Charles	Freshman	Ashville.
Ward, Kenneth Dana	Freshman	Cleveland
Ward, Raleigh Pearl, S. S.	Senior	Columbus
Warner, Helen Mary	Sophomore	Columbus
Warren, Gladys Marjorie	Freshman	Columbus
Warren, Mary Ellen	Sophomore	Groveport
Warren, Ruth Winifred	Sophomore	Dayton
Washburn, Eliza	Freshman	Columbus
Wasserman, Daniel Harry	Freshman	Cleveland

Name	*Rank*	*Home Address*
Wassman, Fred H.	Freshman	Bellaire
Wasson, Dwight Beale	Freshman	Columbus
Waters, Dorothy Elizabeth	Freshman	Pittsburgh, Pa.
Watkins, Charles Hamilton	Sophomore	Etna
Watkins, Edith	Freshman	Columbus
Watkins, William Henry, Jr.	Junior	Cleveland
Watson, Earl Eugene	Freshman	Bellefontaine
Watson, Verdi Maurine	Junior	Columbus
Watson, William Clifford, S. S.		Baltimore
Watt, Donald Howard	Sophomore	Circleville
Way, Karl Duren, S. S.		Kinsman
Waymer, Donald Engle	Freshman	Columbus
Wean, Charlotte Elizabeth	Sophomore	Toledo
Wean, Marian Cecelia	Senior	Toledo
Weaver, R. Emerson, S. S.		Columbus
Webber, Rolland Franklin	Freshman	Salem
Webber, Willis Forbes	Freshman	Columbus
Weckecer, Connie Emanuel	Sophomore	Doylestown
Weed, Grace Cynthia	Sophomore	Gallipolis
Weese, Thelma America	Freshman	Columbus
Wehr, Isabel	Junior	Columbus
Weihl, John Robert	Freshman	Cleveland
Weikal, Elmer Ketner, S. S.		Middletown
Weiler, Leland M.	Freshman	Ironton
Weiler, Rosina Kahn	Junior	Columbus
Weimer, Maine Ellsworth	Sophomore	Pemberville
Weinland, Stewart Fowler	Freshman	Columbus
Weinlein, Louise Evelyn	Sophomore	Columbus
Weisberger, Allen Louis	Sophomore	Barberton
Weiss, Alfred Philip	Freshman	Cleveland
Weiss, Edward H.	Sophomore	Cleveland
Weiss, Peter Jaeger	Sophomore	Cleveland
Weiser, Victor George	Freshman	Cleveland
Welch, Austin Warren	Freshman	Columbus
Welch, Evalyn Thornton	Freshman	Youngstown
Welch, Margaret	Senior	Columbus
Weller, J. Arthur, S. S.	Senior	Bucyrus
Wells, Anne Eunice, S. S.	Senior	Alexandria
Wells, Carolyn McFarland	Sophomore	Columbus
Wells, Edna Metz, S. S.		West Raleigh, N. C.
Wells, Harold Frederick	Freshman	Croton
Wells, Martin McKay	Freshman	Sidney
Welton, William Roosevelt	Sophomore	Westerville
Wendler Willis John	Sophomore	Fremont
Wendorf, Harris Schuyler	Sophomore	Columbus
Wendt, Laura Diana	Freshman	New York City
Werling, Harley Philip	Freshman	Anna
Westendick, Frank Charles	Special	Columbus

Name	*Rank*	*Home Address*
Westerfield, Marline	Freshman	Greenville
Westerman, Joan Hamilton	Junior	Columbus
Wetzel, Kathryn Virginia, S. S.	Senior	Cleveland
Wetzel, Lloyd Carl	Freshman	Columbus
Whaley, Mary, S. S.		Columbus
Wheatcraft, Mildred	Sophomore	New Lexington
Wheeler, Albert McElroy	Freshman	Wheeling, W. Va.
Whinery, Eldon Leroy	Freshman	Salem
Whitacre, Florence Lucille	Senior	Columbus
White, Andrew John, Jr.	Sophomore	Columbus
White, Barney Wilbur	Sophomore	Greenville
White, David	Freshman	Columbus
White, Frances Lucile	Sophomore	Columbus
White, Gertrude	Junior	Bucyrus
White, Kathryn	Sophomore	Bucyrus
White, Mark Orion	Freshman	Columbus
White, Paul Aiken	Freshman	Tiltonville
White, Ruth Marie	Sophomore	Fostoria
Whitehead, Alice Louise	Freshman	Columbus
Whitehill, Juliann Elizabeth, S. S.		Columbus
Whitelaw, Violett DeWitt	Freshman	Columbus
Whiteside, Stanley Laurence	Junior	South Solon
Whiting, Nancy Ruth	Senior	Columbus
Whitmore, Howard	Freshman	Nelsonville
Whittlesey, Harold Mulock	Freshman	Columbus
Wiecek, Mike	Freshman	Cleveland
Wikoff, Helen Landman	Senior	Columbus
Wilcox, Elizabeth Jane	Sophomore	Columbus
Wilcox, Myron Martin	Sophomore	Columbus
Wildasin, Clarence Kaler	Freshman	Dayton
Wildman, Ruth Alice	Sophomore	Warren
Wiley, Alviere Leson	Freshman	Coldwater
Wiley, Emerson Longley	Freshman	St. Clairsville
Wiley, Thomas Rollin	Sophomore	Piqua
Wilkinson, Martin Henry	Junior	Crestline
Will, John Montague	Freshman	Pomeroy
Willard, Charles Julius	Special	Columbus
Williams, Anna Louise	Sophomore	Columbus
Williams, Catherine Urczel	Special	Columbus
Williams, Emma, S. S.		Columbus
Williams, Frank Stimson	Freshman	Columbus
Williams, Helen Eugenia	Junior	Columbus
Williams, Howell Jackson	Freshman	Poynette, Wis.
Williams, Jesse Franklin	Freshman	Ironton
Williams, Kenneth Mulford, S. S.	Special	Columbus
Williams, Laurabell Katherine, S. S.		Girard
Williams, Lindley Snowden	Freshman	Columbus
Williams, Ralph Byron	Freshman	Cleveland

Name	*Rank*	*Home Address*
Williams, Ralph Charles	Freshman	New Philadelphia
Williams, Ruth Esther	Freshman	Columbus
Willison, Graylis Hess	Freshman	Columbus
Willit, Virgil, S. S.		Hicksville
Willits, Howard DeWitt	Freshman	Cardington
Wilson, Donald Eben	Senior	Springfield
Wlison, Dorothea Alwilda, S. S.		Columbus
Wilson, Eloise Leah	Freshman	Columbus
Wilson, George Porter, Jr.	Sophomore	Steubenville
Wilson, Harry	Sophomore	Brooklyn, N. Y.
Wilson, Henry Loudon	Senior	Columbus
Wilson, James Ozro	Freshman	Ironton
Wilson, Janet Margaret	Junior	Jeffersonville
Wilson, Malvern	Junior	Nelsonville
Wilson, Margaret Elizabeth	Freshman	Columbus
Wilson, Myrtle C.	Sophomore	Columbus
Wilson, Ruth Esther	Sophomore	Columbus
Wilson, Thomas Alexander	Sophomore	Masury
Wilson, Wanda Frame, S. S.	Senior	Kimbolton
Wilson, William Winfield	Freshman	Sidney
Winbigler, Hugh Carlisle	Junior	Shelby
Winchester, Lucius Ewing	Freshman	Columbus
Winn, John Wilfred, Jr.	Senior	Defiance
Winn, Marjorie Norton	Sophomore	Defiance
Winner, Dorothy Jane	Freshman	Orient
Winner, Thomas Elzie, S. S.	Special	Orient
Winters, Evelyn Arminda	Junior	Columbus
Winters, Lucile Bernice	Freshman	Medina
Winters, Mary Elizabeth, S. S.	Sophomore	Columbus
Wirick, Don Edward	Freshman	Bryan
Wirthwein, Carl Jacob, S. S.		Columbus
Wirthwein, Meta Margareta	Freshman	Columbus
Wise, Crile Nicely	Freshman	Akron
Wise, George Gilbert	Sophomore	Butler, Pa.
Wise, Gertrude Harrison	Junior	Parkersburg, W. Va.
Wise, Irvin Milton, S. S.		Cincinnati
Wishon, Harold Elliott	Freshman	Columbus
Wisterman, Florence Emma, S. S.		Galion
Withycombe, Gladys Katharine	Freshman	Lakewood
Witten, Virginia Cresap	Sophomore	Sardis
Wolf, Marcus	Freshman	Columbus
Wolfe, Blanche Winifred	Sophomore	Pleasantville
Wolfe, Clement Vivian	Freshman	Columbus
Wolfe, Faith Mary	Freshman	Columbus
Wolfe, Francis Albert	Freshman	Columbus
Wolgamot, Max Emil	Junior	Richwood
Wolman, Ella	Junior	Columbus
Wolverton, Giles	Freshman	Greenville

Name	*Rank*	*Home Address*
Wood, Albert Roussel	Junior	Cleveland
Wood, Eleanor Kenner, S. S.		Columbus
Wood, Kenneth Taylor, S. S.		Columbus
Wood, Margaret Lucy	Senior	Columbus
Wood, Ruth Sue	Freshman	Columbus
Wood, Sarah Elizabeth, S. S.		Macon, Ga.
Wood, Willard John	Freshman	Mechanicsburg
Woodard, Lawrence Ray	Sophomore	Van Wert
Woodland, Frank Bennett	Junior	Rochester, N. Y.
Woodrow, Florence Ellen	Sophomore	Columbus
Woodside, John Barnes, S. S.		Middlefield
Woodward, George, S. S.		Dayton
Work, Helen Augusta, S. S.	Special	Logan
Workman, C. Noel	Sophomore	Huntington, W. Va.
Workman, Harry Hall	Sophomore	Huntington, W. Va.
Worley, Charles	Sophomore	Columbus
Worley, Henry Everett	Freshman	Columbus
Worrell, William Ray	Freshman	Martinsville
Worsham, Alfred James	Sophomore	Columbus
Wright, Amy Lucille	Senior	Toledo
Wright, John Alfred	Freshman	Coshocton
Wright, William Heermans	Sophomore	Warren, Pa.
Wyatt, Washington Walker, S. S.		Cincinnati
Wylie, Harry Lester	Freshman	Columbus
Wynne, Oscar Edward	Junior	Alexandria
Yaple, John Luther	Sophomore	Chillicothe
Yarrington, Audrey	Freshman	Wellston
Yassenoff, Leo	Freshman	Columbus
Yates, Ralph Denman	Junior	Piqua
Yerges, Alma Christine	Sophomore	Columbus
Yocum, James Charlton	Freshman	Mechanicsburg
Yoerger, Norman Percival	Special	Columbus
Yordy, Paul LeRoy	Sophomore	West Carrollton
York, Homer Irvin	Sophomore	Greenville
Yost, Hursh Reginald	Sophomore	Somerset
Young, Beulah Ethel	Sophomore	Anderson, Ind.
Young, Harold Lewis	Sophomore	Summerfield
Young, Howard Royal	Freshman	Columbus
Young, Ivor Hughes	Sophomore	Columbus
Young, Lucien Collins	Freshman	Caldwell
Young, Mabel	Sophomore	Columbus
Young, Rachel Van Hook, S. S.	Sophomore	Columbus
Younger, C. Russell	Junior	Celina
Yuan, Chin-Chang	Junior	Canton, China
Yule, Thelma Elinore	Freshman	Bellefontaine
Zaayer, John William	Sophomore	Carroll
Zahner, Corliss Quito	Freshman	Sugarcreek
Zeckhauser, Iola	Freshman	Columbus

Name	*Rank*	*Home Address*
Zeigler, Edgar Darell	Sophomore	Venedocia
Zeigler, Raymond Kramer	Freshman	Canal Winchester
Ziegler, John	Freshman	Columbus
Zimmer, Robert Kemmerle	Freshman	Columbus
Zimmerman, Cecil John, S. S.	Sophomore	Fremont
Zimmerman, Maurice	Freshman	Urbana
Zinn, Lillian Mae	Freshman	Columbus
Zint, Raymond William	Junior	Wapakoneta
Zirkel, Evelyn	Sophomore	Columbus
Ziskind, Bernard Hymen	Sophomore	Columbus
Ziskind, Priscilla	Freshman	Columbus
Zolnowski, Stanley John	Freshman	Cleveland
Zucker, Sanford	Sophomore	Cleveland
Zwick, Ben Henry	Sophomore	Cleveland
Zwick, Israel	Sophomore	Cleveland
Zwolinski, Lucien	Freshman	Cleveland

ARTS-EDUCATION

Name	*Rank*	*Home Address*
Adams, Mary Catherine	Junior	Columbus
Albin, Archie Guy, S. S.	Senior	Columbus
Amstutz, Hubert Menno	Senior	Pandora
Andrix, Margaret Helen	Freshman	Columbus
Ashbrook, Bernice F.	Junior	Columbus
Baker, Pauline E.	Senior	Pleasantville
Bateman, Della Fern	Sophomore	Zanesville
Baxter, Vera Regina	Junior	Delphos
Beard, Ethel May, S. S.	Senior	Youngstown
Bennett, Marjorie Lysle	Senior	Mt. Gilead
Blake, Allegra Josephine	Sophomore	Columbus
Bolin, Dorothy Marie, S. S.		Columbus
Boyle, Verna M., S. S.	Junior	Columbus
Brooke, Faye Marie	Sophomore	Columbus
Browne, Dorothy F., S. S.	Senior	Columbus
Burrell, Fairy Shores	Senior	Columbus
Cassidy, Mary Catherine	Freshman	Columbus
Chamblin, Virginia	Sophomore	Columbus
Chang, Timothy C.	Senior	Canton, China
Cherington, Helen Elliott	Freshman	Columbus
Coen, Louise Edith	Sophomore	Columbus
Conn, Kenneth Smith	Freshman	Springfield
Connor, Rose	Sophomore	Columbus
Cook, Mabel	Sophomore	Plainfield
Darragh, Martha Elizabeth	Sophomore	Columbus
Dye, Frances Willard	Sophomore	Antioch
Dyer, Florence Virginia	Freshman	Galloway

Name	*Rank*	*Home Address*
Earnest, Clara E., S. S.	Senior	Columbus
Ebinger, Helen Margaret	Sophomore	Columbus
Flanders, Jessie Boggs	Senior	Columbus
Focke, Katherine Helen, S. S.	Senior	Columbus
Fromme, Eloise, S. S.	Senior	Urbana
Gelvin, Elizabeth D.	Sophomore	Kinsman
Gilmore, Hellen Marion	Junior	Lakewood
Goll, Vivienne	Junior	Stryker
Guthrie, Raymond Gillette	Junior	Columbus
Hagerman, Carrie Verness, S. S.	Junior	Columbus
Hanna, Dorothy Jane	Sophomore	Columbus
Hannon, Mary Eileen, S. S.		Logansport, Ind.
Harm, Elizabeth	Senior	Rochester, Pa.
Hartley, Margaret Mary, S. S.	Senior	Columbus
Hendrickson, Catherine G.	Junior	Portsmouth
Higgins, Catherine LeVon, S. S.	Senior	Columbus
Higgy, Olive White	Senior	Logan
Hirsch, Josephine Cecilia	Senior	Chillicothe
Horn, Josephine Avery,S. S.	Senior	Columbus
Huffman, Eudora	Senior	Columbus
Hutcheson, Edith Marion	Sophomore	Columbus
Hutchins, Clayton Darius	Junior	Dayton
Johnson, Margaret Florence	Junior	New Lexington
Kahler, Ada Bess	Junior	Plain City
Ketterer, Margaret Lisette	Freshman	Woodsfield
Laird, Miriam Elizabeth	Freshman	Columbus
Lee, Milton Oliver	Sophomore	Dorset
Lemley, Lola Louise	Sophomore	Columbus
Little, Francis Fulton	Sophomore	Manchester
McCloud, Elizabeth A.	Freshman	Columbus
McConaughy, Charlotte E.	Sophomore	Bridgeport
McCormick, Reta Barbee	Senior	Columbus
McDonough, Geraldine	Freshman	Columbus
Maddox, Marguerite	Freshman	Columbus
Matson, A. Louise, S. S.	Senior	Columbus
Meloy, Lillian Elizabeth	Junior	Groveport
Melsheimer, Faith, S. S.	Sophomore	Columbus
Mench, Thelma	Senior	Columbus
Moler, Mary Elizabeth	Sophomore	Columbus
Morris, Clara Jeanette	Junior	Marietta
Myers, Alice Elizabeth	Sophomore	Chillicothe
Oesterle, Nelle Marie	Sophomore	Ashville
Olnhausen, Flora Eva	Freshman	Columbus
Palmer, Elsie Mae, S. S.	Junior	Nevada
Parrett, Russell Allen, S. S.		Somerset
Patton, Gertrude Elizabeth	Junior	Girard
Phares, Lavilla, S. S.		Cincinnati
Pickering, Mary Margaret	Sophomore	Columbus

Name	*Rank*	*Home Address*
Pierce, Dorothy Elizabeth	Junior	Columbus
Pusateri, Mary Agnes	Junior	Portsmouth
Reed, William Frederick, S. S.		Pomeroy
Rife, Neill, S. S.		Columbus
Roess, Sophea Elizabeth	Junior	Cridersville
Rotan, Sedonia	Junior	Columbus
Royer, Milton Larimore, S. S.		Hartville
Ruklen, Helen Dorothy, S. S.		Kenton
Sanders, Lillie Marie, S. S.	Senior	Columbus
Sanders, Phosa Blaine	Special	Columbus
Sartain, Helen Emma	Senior	Columbus
Scholl, Diathea C.	Junior	Chillicothe
Schwartz, Ruth Lavon	Junior	Kenton
Shadrach, Vera Grace	Senior	Jackson
Shaw, John W., S. S.		Cardington
Smith, Lillian Clara	Senior	Columbus
Snyder, Charles C., S. S.	Junior	Columbus
Stevenson, Edna R.	Senior	Columbus
Stinchcomb, Isabel	Sophomore	Fostoria
Thompson, Mabel Irene	Freshman	Parkersburg, W. Va.
Thompson, Mary Elizabeth	Senior	Union City
Thrush, Hazel B.	Senior	Columbus
Tilton, Erma Amelia	Junior	Columbus
Tilton, Luella May	Junior	Columbus
Tress, L. Eleanor	Freshman	Columbus
VanHook, Rachel Hughes	Freshman	Columbus
Weagly, Gertrude Edythe	Junior	Columbus
Welsh, Helen Theresa	Sophomore	Columbus
Welter, Dorothy Elizabeth	Sophomore	Kenton
Whiting, Nancy Ruth	Senior	Columbus
Wood, Elizabeth	Sophomore	London
Wood, Margaret Lucy	Senior	Columbus
Woodward, Marion Bertram, S. S.		Columbus
York, Mary	Senior	Versailles
Zeigler, Isabelle Gibson	Freshman	Columbus

COLLEGE OF COMMERCE AND JOURNALISM

Name	*Rank*	*Home Address*
Abbott, William Jennings	Senior	Shelby
Ackerman, Wesley Light	Senior	Wauseon
Adams, Robert Duncan, S. S.	Junior	London
Alexander, Alfred, S. S.		Grafton
Allen, Clinton Ethan, S. S.	Senior	Kent
Allinger, John Herman	Junior	Quincy
Archer, Earl Parker	Senior	Belle Center
Arick, Ola, S. S.		Orrville
Ayres, Frank	Junior	Hillsboro

Name	*Rank*	*Home Address*
Bach, Wilbert John	Senior	Sandusky
Bachman, Helen Catherine	Senior	Columbus
Baer, William Cornelius	Special	Piqua
Bailey, Fred VanBuskirk	Senior	Columbus
Bailey, James Frank, S. S.	Special	Franklin, Ky.
Baker, Jo Willard	Junior	Greenville
Baldwin, Henry Albert, S. S.	Junior	Weston
Bambach, Margaret Adelaide	Senior	Columbus
Bangham, Rob Roy	Junior	Wilmington
Basch, Lewis Romer	Junior	Columbus
Bates, Roy, S. S.		Lima
Baum, Herbert Glick, S. S.	Senior	Rockport, Ind.
Bean, Paul Edgar	Senior	Rutland
Becher, Eugene Manning	Junior	Dayton
Beechy, L. DeForest	Junior	Columbus
Beeckman, Gerard Ten Eyck	Special	Erie, Pa.
Beelman, Harry Bloom	Junior	Plymouth
Beers, Ralph A.	Junior	Newcomerstown
Bell, Frederick James	Senior	Columbus
Benadum, Edward Roy	Special	Lancaster
Bennett, John J.	Senior	Crooksville
Bingham, Verne McKinley, S. S.	Special	Farmdale
Bishop, Arthur Milton	Special	Middletown
Blakeslee, Harold Corbin	Junior	Ashtabula
Bloom, Burch	Special	Lees Creek
Bloom, Hubert Oliver	Special	Dayton
Boeshaar, Kenna Jacob	Senior	Columbus
Bond, Girard David	Junior	Cleveland
Bonner, Lawrence C.	Senior	Columbus
Bovey, Thomas Carlyle	Special	Columbus
Bowyer, Arthur Lee	Junior	Kinsman
Bowyer, Glenn Burdette	Junior	Kinsman
Braddock, John Barton, S. S.	Special	Newark
Bridgman, Max Murry	Junior	Trenton
Bringardner, Edwin Wm., S. S.		Columbus
Brink, Marguerite	Special	Columbus
Brobst, Charles Laurence	Special	Columbus
Brooks, L. S., S. S.		Delaware
Brown, John Andrew	Junior	Fayette City, Pa.
Brown, Maltbie S.	Senior	Toledo
Brown, Millard Eugene	Junior	Bexley
Brown, Richard M.	Junior	Ashland
Brown, W. Prentiss	Senior	Mt. Cory
Budd, Nelson Hitchcock	Junior	Columbus
Burbank, Gardner Williams	Junior	Geneva, N. Y.
Burns, Edward George, Jr.	Junior	Cincinnati
Burns, John Paul	Special	Columbus
Burtanger, Carrol Irvin	Junior	Dayton

Name	*Rank*	*Home Address*
Busby, Ruth Suzanne	Senior	Lancaster
Byer, Herbert	Senior	Columbus
Byers, Albert Gallatin	Senior	Columbus
Cada, Victor F.	Junior	Cleveland
Carahoof, Carroll Lawrence	Junior	Bellefontaine
Carlson, John Leslie	Senior	Cleveland
Carraci, Sanford Harover	Junior	Wellston
Cartzdafner, Ruth Eloise	Junior	London
Case, Alice D., S. S.		Lawrenceburg, Ky.
Cason, Clarence E., S. S.		Talladega, Ala.
Chappelear, Thornton White	Special	Circleville
Cheney, S. L.	Senior	Cleveland
Chu, Chih Chuan, S. S.	Junior	China
Clark, Joseph Camden	Junior	Columbus
Cofer, Milford J.	Senior	Gallipolis
Cole, George Robert	Junior	Kinsman
Cole, Harold Mash	Junior	Alliance
Copeland, Bernice Naomi, S. S.	Junior	Winchester, Ind.
Cott, Richard Sinclair	Junior	Columbus
Couch, Dean Arden	Junior	Columbus
Cozier, Otis Fehl	Special	Bellefontaine
Cubbage, Frederick Thomas	Junior	Alexandria
Cunningham, George Kenower	Junior	Fostoria
Curphey, William Morton	Senior	Dayton
Curth, Ralph Charles	Junior	Cleveland
Curtis, Albert	Junior	Cleveland
Davies, Clyde Griffith	Junior	Martins Ferry
Davis, Maxine	Junior	Chicago, Ill.
Dearth, Earl Sylvester	Junior	Lebanon
Defenbaugh, Dwight D.	Senior	Columbus
de Mesa, Jesus Diomido, S. S.	Junior	Alaminos, P. I.
DeMore, Lucian Jayson	Junior	Cleveland
Dew, Robert W.	Junior	Westerville
Dickerson, Kenneth Frank	Senior	Columbus
Dickey, John M.	Special	Columbus
Diehl, Robert Pope	Junior	Woodsfield
Dille, Elwood Oakley	Junior	Mt. Victory
Dittenhaver, Harold Arthur	Junior	Paulding
Dolezal, Anthony	Senior	Columbus
Donnally, Fred Leon	Junior	Columbus
Donnenwirth, Oliver Alfred	Senior	Plymouth
Dunlap, Chester Ellsworth	Special	Columbus
Dunn, Amy D., S. S.	Senior	Columbus
Dunn, Katharine Jane	Junior	Columbus
Early, Ellis Terrill, S. S.	Senior	Cincinnati
Eisenhauer, B. Bernard	Junior	Huntington, Ind.
Eisley, Edgar Bernhardt	Junior	Wapakoneta
Elberfeld, Jacob	Senior	Pomeroy

Name	*Rank*	*Home Address*
Eller, Elmer Ethan	Junior	Van Wert
Erk, Kennard Reuben	Junior	Columbus
Estill, Elmo Martin	Junior	Millersburg
Euans, E. Donald	Senior	Columbus
Evans, Isabel, S. S.	Junior	Columbus
Evenchick, Isidore Eli	Junior	New York City
Everett, George Edward	Special	Galion
Exum, Cecil Collins	Junior	Youngstown
Fahy, Ambrose Julian, S. S.		Rome, Ga.
Farcasin, Constantine	Junior	Cleveland
Fenner, George Raymond	Senior	Columbus
Fergus, Morris Freeman, S. S.	Junior	Columbus
Finnie, Grace Edgar	Senior	Columbus
Fischer, Harold	Junior	Columbus
Fisher, Clyde Hobart, S. S.	Senior	Flushing
Fisher, Donald Alfred	Junior	Flushing
Fisher, Jennie C., S. S.		Columbus
Fledderjohann, Ruth D., S. S.	Special	Columbus
Flohr, Wayland Arthur	Junior	Bucyrus
Force, Ralph S.	Junior	Cleveland
Fortney, Merrill Edwards	Senior	New Carlisle
Fowler, Margaret Helena	Senior	Chagrin Falls
Fox, George Francis, S. S.		Columbus
Frickey, Robert Norpell	Junior	Columbus
Gainsburg, Gerel Elizabeth	Junior	Lawrence, L. I.
Gale, Anne Louise	Senior	Columbus
Gardner, Dwight D.	Senior	Columbus
Garrison, Marion Delaney	Junior	Columbus
Gaver, John Webster	Special	Columbus
Gerber, Henry Christian	Junior	Toledo
Gettinger, Ralph David	Junior	Union City, Ind.
Gibbons, Harry Lee	Special	South Zanesville
Giffin, Russell Vause	Junior	Columbus
Gilliland, Lawrence Arthur	Senior	Van Wert
Gingher, Harold E.	Senior	Columbus
Given, William Edward	Special	Wellsburg, W. Va.
Glenn, Donald White	Junior	Cambridge
Gordon, Frank M.	Special	Port Clinton
Gorsuch, Heber Stanton	Special	Castalia
Grandstaff, Harley Delno	Junior	Columbus
Grand, Gerald Linas	Junior	Columbus
Greene, Dorothy Edith, S. S.		Chicago, Ill.
Greene, Ina Marion	Special	Columbus
Greenstein, Rose Leah	Junior	Columbus
Hard, Harkness Gould	Junior	Painesville
Hardin, Clyde LeRoy	Senior	Columbus
Hargitt, Waldron J.	Junior	Cincinnati
Harley, Charles William	Senior	Chicago, Ill.

Name	*Rank*	*Home Address*
Harris, Edwin W.	Junior	Columbus
Harris, William James	Special	Buffalo, N. Y.
Hart, Helen West	Junior	Columbus
Hassell, Henrietta Baum	Senior	Columbus
Hawk, Howard Everett	Junior	Bryan
Hawk, Julian Alfred	Junior	Bryan
Hay, Karl S.	Senior	Canton
Haymes, Harry Emmett, S. S.	Junior	Mt. Vernon
Hays, Robert R.	Senior	Columbus
Henderson, Herbert Raymond	Senior	Oberlin
Hewson, William Leake, S. S.		Washington, D. C.
Hildebrant, Edwin Donald	Junior	Shelby
Hine, Vernon Parker	Junior	Columbus
Hodges, Raymond Franklin	Senior	Cincinnati
Hoghe, Russell L., S. S.	Senior	Ohio City
Holman, Harold Mann	Junior	Columbus
Hoover, Giles N.	Junior	Columbus
Hoskins, Donald J.	Senior	Columbus
Houk, Harold George	Senior	Carey
Howard, William Henry	Special	Columbus
Howell, Charlotte Nina	Senior	Troy
Hower, Robert Edmond	Junior	Akron
Hubler, Donald Raymond	Senior	New London
Hunt, Charles Bugh	Senior	Somerset
Hurlebaus, Marie Naomi	Junior	Medina
Jackson, Paul Sherman	Junior	Columbus
Janeway, William Ralph, S. S.		Columbus
Jeffries, Lawrence U.	Junior	Circleville
Johnson, Charles A.	Junior	North Baltimore
Johnson, Ernest Yuvon	Senior	Lima
Jones, Arthur W.	Senior	Canton
Jones, Ernest Paul	Junior	Columbus
Jordan, William Hilles	Senior	Barnesville
Juve, Ruth Marie	Junior	Ravenna
Kegerreis, Leland A.	Senior	Bellevue
Kegg, William Boyd	Junior	Grove City
Kellenberger, Jean	Junior	Chillicothe
Keller, Frederick Wilson	Junior	Haverstraw, N. Y.
Kemery, Clyde Norman	Junior	Columbus
Kershaw, Paul Wesley	Junior	Columbus
Kight, Leah E.	Senior	Columbus
King, James H.	Junior	Lima
King, Wayne William	Junior	Alliance
Kirk, George Boyd	Senior	Piedmont
Kirk, Roy Emerson	Senior	Alliance
Knell, Riechmann P.	Senior	Columbus
Krieger, Raymond	Junior	Millersburg
Kuhn, Joseph Benson	Junior	Columbus

Name	*Rank*	*Home Address*
Kuhnle, Howard Cleo	Junior	Arcanum
Lamb, Clyde James, S. S.	Junior	Columbus
Landrum, Gail Trovinger	Senior	Columbus
Lawrence, Mary Cornelia	Senior	Columbus
Layport, Edward Trumbo	Senior	Columbus Grove
Lea, Charles Lewis	Senior	Sandusky
Lear, Lester A., S. S.	Senior	Gallipolis
Lender, Charles Franklin	Special	Columbus
Lilley, John Theodore, S. S.		Columbus
Lindmiller, Robert Phillip	Junior	East Cleveland
Little, John William	Special	Urbana
Livingston, Willard	Senior	Cleveland
London, William	Senior	Cleveland
Long, Po Kwan	Junior	Canton, China
Lummis, George D.	Junior	Middletown
Lyons, Russell E.	Junior	Roscoe
McCallip, Emily Lyon, S. S.		Columbus
McClerg, Carl	Junior	Columbus
McConnell, Ralph Waldo	Junior	Cambridge
McCormick, Russel Mauger	Special	Columbus
McCullough, Robert S.	Special	Columbus
McFeely, Ralph	Junior	Osborn
McKee, James Sidney, Jr.	Special	Columbus
McKee, Katharine B., S. S.		Toledo
McKinnon, Kathleen L.	Senior	Columbus
MacGuffey, Kingsley R., S. S.		Detroit, Mich.
Makemson, Roger Loren	Junior	DeGraff
Maltby, Alice Barnett	Senior	Columbus
Mason, Robert Clokey, S. S.	Senior	Columbus
Mason, Robert Tussing	Junior	Milwaukee, Wis.
Maxson, Herbert William	Special	Akron
Maxwell, Wilbur F., S. S.		Washington, D. C.
Melvin, Grant C.	Special	Columbus
Meredith, George Howard, S. S.	Special	Lakewood
Metzger, Clarence Ambrose	Senior	Junction City
Metzger, Ralph Alfred	Junior	Akron
Miller, Elra Norris	Junior	Mendon
Miller, James H.	Junior	Newark
Miller, Jay T.	Junior	Sterling
Miller, Luke E.	Junior	Columbus
Miller, Roy Glenn	Special	New Kensington, Pa.
Moffett, Melvin Edward	Senior	Cleveland
Mohney, Theodore G.	Senior	Ford City, Pa.
Money, Ralph	Special	Youngstown
Moore, Elizabeth, S. S.		Hartford, Ky.
Moore, Warren J., S. S.		Canal Winchester
Morgan, Narcia L., S. S.	Senior	Columbus
Moriarty, Edward A.	Junior	Columbus

Name	*Rank*	*Home Address*
Mortley, Loyal H.	Junior	Bellevue
Mote, Seibert W.	Junior	Union City, Ind.
Nelson, Charles Seffner	Senior	Marion
Nelson, Glenn A.	Special	Kingsville
Neubig, Nelson John	Junior	Columbus
Neubig, Tillie	Junior	Columbus
Newbrough, Mildred, S. S.	Senior	Columbus
Nichols, Harry John, S. S.	Special	Dayton
Nieding, Arthur Dewey, S. S.	Senior	Vermilion
Nitschke, John Fred, Jr.	Senior	Columbus
Norris, Waltz William	Senior	Deshler
Ohlson, Henry Conrad	Special	Columbus
Overholt, Mary Elizabeth	Junior	Wadsworth
Oyer, Fred Earl, S. S.	Special	Columbus
Parker, Augustus Garland	Junior	Cincinnati
Parmenter, Ralph Waldo	Junior	Fredericktown
Parr, Bryan, S. S.	Special	Great Bend
Patton, Lulu	Special	Agosta
Patton, Robert Dean	Junior	Columbus
Paul, Harold Gilmore	Senior	Columbus
Paxson, Leslie John	Junior	Fayette
Perkinson, Louis M.	Junior	New York City
Perry, Lowell Dean	Junior	Wauseon
Persons, Charles Albert	Special	Elyria
Pfeifer, Mary Sophia	Special	Columbus
Pfisterer, Irene Martha	Special	Columbus
Pittenger, Thomas Tracy, S. S.	Junior	Columbus
Points, Charles F., Jr., S. S.		Wilberforce
Pollman, Norman G.	Junior	Toledo
Porter, Philip Wiley	Junior	Lakewood
Power, Donald C.	Junior	Columbus
Prechtel, William V.	Junior	Norwalk
Purmort, Francis Wahworth	Special	Van Wert
Raabe, Ralph Christian	Senior	Fort Jennings
Rairdon, Smith Lester	Junior	DeGraff
Redfern, Alice Rose	Senior	East Cleveland
Reichelderfer, Roy	Special	Circleville
Reynolds, David Arthur	Special	Columbus
Richards, Ralph Harl	Special	Columbus
Richmond, Evelyn Grace, S. S.		Dayton
Roberts, John Clifford	Junior	Cambridge
Robinson, Frederick Merton	Special	Oberlin
Rodabaugh, Ralph Dean	Junior	Arlington
Rohrbaugh, Titus C., S. S.		York, Pa.
Rose, Allyn Stage, S. S.		Columbus
Ross, Rodney Wm., S. S.	Senior	Columbus
Routsong, Paul	Senior	Dayton
Sammet, William Russell	Junior	Versailles

Name	*Rank*	*Home Address*
Sapp, Walter Parsons	Senior	Mt. Vernon
Scannell, Harry Wallace	Junior	Youngstown
Schapiro, Maurice Alexander, S. S.	Senior	Portsmouth
Schoenfeld, Carl Julius	Junior	Columbus
Schonberg, Saul Samuel	Junior	Newark
Schroth, George E., Jr.	Senior	Tiffin
Schumaker, Lester F.	Senior	Gibsonburg
Schwecheimer, Frank L.	Junior	Portage
Sebring, Earl Eugene	Junior	Galion
Segal, Abraham L.	Junior	Chillicothe
Segal, Frances Leona	Junior	Chillicothe
Segal, Henry Clay	Junior	Chillicothe
Seibert, Noel Smith	Junior	New Lexington
Shank, Seth C.	Junior	Akron
Sharp, Otto Frederick	Special	McArthur
Shaw, Harry Arnold	Junior	Westerville
Shaw, Milton Otis	Junior	Lancaster
Sheafer, Harley Foster	Junior	Troy
Shepherst, Charles Alan	Junior	Toledo
Sherer, Lowell Edward	Special	Louisville
Shivelle, Arthur, S. S.		Dayton
Shively, Harold Hastings	Junior	McArthur
Shockcor, John Clinton	Special	Columbus
Shonting, Daniel M.	Senior	Lancaster
Siefert, Charlotte Annette	Special	Columbus
Siegrist, Edmund Landon	Junior	Uhrichsville
Siegwarth, Henry John	Junior	Barberton
Siegwarth, William Henry	Senior	Barberton
Siggins, Frank Edward	Junior	Cody, Wyo.
Sigler, Ward Wesley	Junior	Rittman
Sinnott, Anna Mary	Special	Columbus
Smart, Ralph Harrington	Senior	East Liberty
Smith, Carl Lewis	Senior	Canal Fulton
Smith, Clarence William	Special	McArthur
Smith, Philip Henry	Special	Columbus
Smith, Roland Diehl	Junior	Woodsfield
Smith, Weldon H.	Junior	Fayette
Solomonson, Carl Edward	Junior	Niles
Somers, Frank R.	Special	Brookville
Southwick, Clifford Wilson	Junior	Columbus
Spayd, Milferd A.	Junior	Van Wert
Staples Laurance Starr	Junior	Findlay
Starkey, Delmar George	Senior	Bellefontaine
Starr, George Washington, S. S.	Senior	Columbus
Stephenson, Lauer Whitmer	Junior	Rosewood
Suter, Charles A., Jr.	Senior	Piedmont, W. Va.
Sutter, Anna Elvira	Junior	Lima
Sutton, Polly, S. S.		Owensboro, Ky.

Name	*Rank*	*Home Address*
Swartz, Fannie Marie	Senior	Gibsonburg
Swormstedt, Charles W.	Junior	Madeira
Sykora, Helen Elizabeth	Junior	Cleveland
Taylor, Charles Andrew	Junior	Martins Ferry
Taylor, John Lacklan	Senior	Duluth, Minn.
Temple, Walter Dilts	Junior	Uhrichsville
Terrill, Lowell Staadt	Senior	Ridgway
Thatcher, Newton A.	Senior	Columbus
Thomas, Don Randall, S.S.	Senior	Columbus
Thomas, Katharine Cooper	Special	Columbus
Thomas, Olin Eugene	Junior	Cleveland
Thompson, Catherine Elizabeth, S.S.	Senior	Lorain
Thompson, Virginia E.	Junior	Columbus
Tite, Earl William	Junior	Cleveland
Tracht, Gertrude	Senior	Shelby
Tubbs, John Carleton	Senior	Bryan
Tufford, Leonard Percy	Special	Elyria
Vance, Edgar Elmer	Junior	Alliance
Vanderslip, Henry Fred, S.S.		Washington, D. C.
Vandivier, Claude Joseph	Special	Franklin, Ind.
VanMeter, Anna F., S.S.		Lexington, Ky.
Vesper, J. Lake, S.S.		Springfield
Virgin, John Frederick, S.S.		Camp Hill, Pa.
Vosburgh, Ralph Milton, S.S.	Junior	Columbus
Wachs, William, S.S.		Detroit, Mich.
Wagoner, Edward Stevenson	Junior	Indianapolis, Ind.
Ward, Sterling Wentworth	Senior	New London
Warren, Laurence Edward, S.S.	Senior	Ostrander
Weaver, Charles Robert	Junior	Youngstown
Webster, Howard H., S.S.	Senior	Columbus
Weiser, Harold Samuel	Junior	Ashville
Wellman, Wenceslaus L., S.S.	Special	Fort Recovery
Wells, Sidney Andrew	Junior	Cleveland
Welty, Clayton E.	Special	Apple Creek
Wetherholt, Harold Watts	Senior	Gallipolis
Wilcox, Clarence Peters	Senior	Columbus
Wilcox, Lloyd	Special	Columbus
Wiley, Donald Emerson	Junior	Celina
Wilkerson, Ray C.	Junior	Glendale
Willaman, Frank Reeves	Senior	Salem
Williams, Elbert Homer	Junior	Bowling Green
Williams, Morgan Emerson	Junior	Columbus
Williams, Starr N., S.S.	Special	Weston
Willis, Bess A.	Senior	Clarksburg
Willits, Rodney Wolfe	Senior	Cardington
Wilson, Leo Clark	Junior	Delaware
Wiper, Don Williams	Junior	Columbus
Wiper, Harold Alexander	Senior	Columbus

Name	*Rank*	*Home Address*
Wirthwein, Carl Jacob	Junior	Columbus
Wise, Lucille	Junior	Lima
Wriston, Ralph Marting	Junior	Huntington, W. Va.
Young, Harry Evert	Senior	Columbus
Zacks, George Harris, S. S.		New York City

COLLEGE OF DENTISTRY

Name	*Rank*	*Home Address*
Adams, Thomas Olven	Freshman	Massillon
Allen, George Samuel	Freshman	Ohio City
Allison, Howard Clayton, S. S.	Freshman	Cumberland
Andrews, Lloyd Frederick	Sophomore	Sugar Creek
Baker, Webster M.	Senior	Dayton
Banbury, Dwight C.	Sophomore	Danville
Barrick, William Jackson	Freshman	Newark
Baver, Ernest Elwood, S. S.	Sophomore	Miamisburg
Beach, Edgar Raymond	Freshman	Ironton
Beck, Frank Claud	Freshman	Columbus
Berry, Stanford Paul	Freshman	Detroit, Mich.
Bins, Elmer M.	Junior	Lorain
Bode, Forrest Earl	Sophomore	Marietta
Bowers, Donald Elbridge	Freshman	Norwalk
Boyer, Harold E.	Sophomore	Ashland
Bragg, William A., Jr.	Freshman	Philadelphia, Pa.
Branfield, Richard W., S. S.	Junior	Alliance
Branfield, Vancil R., S. S.		Alliance
Brosier, Paul Miller	Sophomore	Dayton
Brown, Chester Richard	Freshman	Warren
Buck, Marcus	Junior	Germantown
Buhr, Kenneth E., S. S.	Senior	Ironton
Buxbaum, Joseph	Junior	Cleveland
Callander, Adelbert R.	Sophomore	Delaware
Carter, Otto S., S. S.	Senior	Gallipolis
Chapman, Dana, S. S.		Lancaster
Cory, Donald Arthur	Freshman	Springfield
Cover, John Elmer	Sophomore	Crestline
Cross, Carson Edward	Freshman	Columbus
Curtis, Lawrence L.	Freshman	Marietta
Davenport, Boynton	Freshman	Portsmouth
Dean, David Gail	Sophomore	Lodi
Derivan, Hubert Thomas, S. S.	Senior	New Vienna
Dines, Russell Harold, S. S.	Junior	Columbus
Dingledine, Paul K.	Senior	Waverly
Dougherty, Clesson Howard	Sophomore	Woodsfield
Doyle, Francis James	Sophomore	Newark
Dunson, John William	Freshman	Kenton
Durflinger, Willard L.	Freshman	Columbus

Name	*Rank*	*Home Address*
Dute, Harold Lorenz	Junior	Amherst
Dutro, John Thomas	Sophomore	Groveport
Dye, Earl S., S. S.	Sophomore	Dayton
Eberley, Russell F.	Freshman	Martins Ferry
Eickholt, Charles Joseph	Freshman	Columbus
Finsterwald, Verne H.	Sophomore	Athens
Fischbein, David	Sophomore	Cleveland
Fisher, Robert Downing	Freshman	Barnesville
Foster, J. Manly, S. S.	Junior	Akron
Frazier, Sherman M., S. S.	Sophomore	Bryan
Friend, Adelbert K.	Sophomore	Cleveland
Fulton, John Thomas	Freshman	Columbus
Gabelman, Harry	Freshman	Cleveland
Gehring, Robert H.	Junior	Toledo
Gensler, Clarence	Sophomore	Germantown
Gill, Adelbert Dalton	Sophomore	Gibsonburg
Gillette, Kenneth Eugene	Freshman	Athens
Gillim, Donald Armstrong	Sophomore	Yellow Springs
Goodloe, Herbert S., S. S.	Sophomore	Huntington, W. Va.
Green, Kenneth Burroughs	Freshman	Kent
Greer, J. Frank	Sophomore	Danville
Griffith, William Lester, S. S.	Sophomore	Worthington
Grossmann, Fred Charles	Freshman	South Euclid
Gump, Ernest	Freshman	Columbus
Hagemeyer, Earl William	Sophomore	Pemberville
Halls, Norman Winston	Freshman	Youngstown
Hamill, Robert L.	Senior	Chillicothe
Hammerstrand, Robert John	Senior	Conneaut
Harlow, Paul Dorland	Freshman	Newark
Haulk, Clayton C.	Freshman	Canton
Haworth, Russel H.	Freshman	Troy
Hays, Ralph Lawrence	Freshman	Wooster
Hays, Samuel B., S. S.	Sophomore	Columbus
Hederick, Genevieve	Freshman	Grafton, W. Va.
Hedrick, Ira Lee	Sophomore	Pataskala
Helms, Ralph Waldo	Senior	Lima
Highman, Harvey Clifton	Sophomore	Woodsfield
Hill, Louis Gilbert	Sophomore	Brewster
Hoyer, Emerson Monroe, S. S.	Sophomore	Columbus
Hunter, Edgar S.	Freshman	Jackson
Jacobs, Fred Hermon	Sophomore	East Conneaut
Johnson, Thomas M.	Sophomore	Columbus
Jones, Los	Sophomore	Columbus
King, Homer Milo, S. S.	Junior	Kenton
Kitchin, Paul Clifford	Freshman	Sycamore
Klein, George I.	Freshman	Youngstown
Kline, Walter B.	Freshman	Bellevue
Knapp, Vernon Harry	Freshman	Woodsfield

Name	*Rank*	*Home Address*
Kniffin, Karl Sutton	Freshman	LaRue
Knowles, Lehr McCullough	Freshman	New Concord
Kottmeier, Frank Shisler	Freshman	Ashland
Ksenich, Andrew	Junior	Lorain
Lacey, Margaret H., S. S.	Sophomore	Columbus
Lacy, George Corinth	Freshman	Columbus
Laishley, Arthur C.	Freshman	Wheeling, W. Va.
Landis, William Homer	Freshman	Dayton
Laughlin, Lawrence William	Freshman	Reynoldsburg
Leas, Walter A.	Senior	Greenville
Leidner, Milton Stanley	Junior	Cleveland
Lightner, Wilson Davis	Sophomore	Dayton
Lofton, Paul Dunbar	Sophomore	Columbus
Long, Dwight Harold, S. S.	Sophomore	Zanesville
Long, Raymond Wesley	Senior	Nelsonville
Lowery, Percy Irvin	Sophomore	Piqua
Luckhart, Arthur Elliot, S. S.	Junior	Columbus
McClellan, George B.	Sophomore	Columbus
McCoid, Ralph Millard	Freshman	Bellefontaine
McMenamy, William C.	Freshman	Jacksonville
McVay, Paul Bishop	Freshman	Athens
Machan, Herbert Patrick	Freshman	Strasburg
Madison, William James	Freshman	Columbus
Mankin, Howard Elias	Freshman	Columbus
Maple, Walter Edward	Freshman	Grafton
Marts, Raymond Jacob	Freshman	Middletown
Maxon, Ralph A., S. S.	Sophomore	Dayton
Meier, Louis Charles, S. S.		Dayton
Mendelsohn, Samuel	Sophomore	Youngstown
Milcoff, Solomon	Sophomore	Cleveland
Mitchell, Frank Moffett	Freshman	Cambridge
Monks, Leon Charles	Junior	New Haven, Conn.
Monks, LeRoy John	Junior	New Haven, Conn.
Montgomery, Quinn Frank	Freshman	Cleveland
Moore, Lester	Sophomore	Columbus
Morris, Glenzie Micah	Senior	Columbus
Morris, Harold G.	Sophomore	Youngstown
Muth, Richard Peter	Freshman	Dayton
Newbold, J. Wesley	Senior	Kenton
Nida, Braden E., S. S.	Sophomore	Gallipolis
Nogal, Kenneth J., S. S.	Sophomore	Ashtabula
Novatuy, John F.	Freshman	Cleveland
O'Hara, Glenn Wesley	Freshman	Newark
Paffenbarger, George Corbaly	Freshman	McArthur
Parks, Tracy Gregory	Sophomore	Savannah, Ga.
Penman, Russell Butler	Freshman	Portsmouth
Piatt, Henry	Freshman	Columbus
Porter, Howard King, S. S.	Senior	Ashtabula

Name	*Rank*	*Home Address*
Postle, Wendell Dean	Sophomore	Newark
Prather, Reuben Grant	Sophomore	Columbus
Price, Harry Lee	Freshman	New Straitsville
Puckett, Philip H.	Freshman	Newark
Quay, William	Freshman	Warrensville
Rainsberger, Robert E.	Freshman	Uhrichsville
Reed, Thomas Kenyon	Freshman	Massillon
Rhodes, Arthur Brown	Freshman	Columbus
Richeson, Samuel Burkhart	Freshman	Sidney
Riel, Eugene M.	Freshman	Columbus
Robeson, Royal D.	Sophomore	Danville
Robinson, Richard Dudley	Junior	Findlay
Roose, Ralph	Freshman	Ottawa
Ross, Charles Arthur	Freshman	Wauseon
Rossell, Carl G.	Freshman	Newark
Rossell, Roy M.	Freshman	Newark
Rothschild, Ethel Caroline	Freshman	Youngstown
Ruess, Bret Leo	Freshman	Cleveland
Ryder, Mark Byron	Sophomore	Covington
Sachs, Henry Fred	Junior	Columbus
Sarchet, John David, S. S.	Sophomore	Middletown
Sauers, Charles Sylvester	Sophomore	Apple Creek
Schad, Elmer James	Freshman	Wauseon
Schnebly, John Shaw	Freshman	Mt. Vernon
Schoeneweiss, Paul Steiert	Sophomore	Columbus
Schroder, Frederick Elmer	Freshman	Pemberville
Schwartz, Harold Herbert	Freshman	Cleveland
Schwartz, Sigmond	Sophomore	Youngstown
Sebald, Henry Alder	Sophomore	Middletown
Secrest, Herbert R.	Sophomore	Pleasant City
Seiple, Robert Erral	Freshman	Bloomville
Sellers, Joseph Walker	Sophomore	Mt. Vernon
Sexauer, Paul C., S. S.		Lancaster
Sexauer, Ralph, S. S.		Lancaster
Seymour, Raymond Homer	Sophomore	Ashtabula
Siddal, Clarence Wilbur	Freshman	Bellaire
Simpson, Arthur M.	Sophomore	Hickory, Pa.
Slaman, Theodore Andrew	Freshman	Lakewood
Smith, Howard Jacoby	Junior	Ashland
Smith, William Earick	Freshman	Lima
Somers, Cecil Theodore	Freshman	Cleveland
Stem, Donald Counselman, S. S.	Senior	Lakewood
Stickrath, Chilson Milo	Sophomore	Sugar Creek
Stinemetz, George Lorn	Freshman	Columbus
Stocklin, LeRoy William	Sophomore	Columbus
Studer, Donald Edward, S. S.	Sophomore	Columbus
Stukey, John Russell	Sophomore	Lancaster
Sweeney, Walter Andrew	Freshman	Youngstown

Name	*Rank*	*Home Address*
Sweetnam, Varian Aldrich	Freshman	Toledo
Tarr, Roger Alexander	Sophomore	Mt. Vernon
Thoman, Robert James	Freshman	Columbiana
Thomas, Donald McKinley	Freshman	Sandusky
Thomas, Paul Edgar	Freshman	Parkersburg, W. Va.
Thompson, Victor Leroy	Freshman	Cambridge
Thorpe, Lawrence R.	Sophomore	Sabina
Thorpe, Maynard	Freshman	Sabina
Traxler, Virgil Harold	Sophomore	Mansfield
Tschappat, John Franklin	Freshman	Bellaire
Tuggle, Elias, S. S.	Sophomore	Columbus
VanHorn, John Harold	Freshman	Loudonville
Vaughn, Wesley Ashbury, S. S.	Freshman	Cleveland
Volk, Lawrence James	Junior	Columbus
Volzer, Donald H.	Senior	Canton
Walton, Maurice Emerson	Freshman	Ironton
Walton, William Vernon, Jr.	Junior	Columbus
Weiss, Herbert Dudley	Freshman	Cleveland
Welles, Paul Gould	Sophomore	Columbus
White, Thomas Corwin	Freshman	Barnesville
Whitney, Herbert Virgil	Sophomore	Danville
Williams, Albert Smith	Freshman	Plain City
Williams, Walter Robert	Sophomore	Delaware
Willing, William W., S. S.	Sophomore	Columbus
Wilson, George E.	Sophomore	Sharon, Pa.
Wilson, Robert	Freshman	Columbus
Wright, Walter Earl	Senior	West Milton
Xanders, Stanley Otto	Freshman	Springfield
Yoho, John E.	Freshman	West Mansfield
Young, Arthur Baldwin	Sophomore	Columbus

COLLEGE OF EDUCATION

Name	*Rank*	*Home Address*
Abbott, Julie Anne, S. S.		Columbus
Abel, Allison Albert	Special	Columbus
Ackerman, Louise	Senior	Columbus
Ackley, Una Margarete, S. S.		Columbus
Adams, Marguerite Roberta, S. S.		Columbus
Adams, Robert Simeon	Sophomore	Columbus
Adams, Ruth Marie, S. S.		Felicity
Aldenderfer, Carl William, S. S.		Columbus
Allberry, Cleo Grace, S. S.		Beverly
Allen, Helen Virginia	Freshman	Columbus
Allison, Clair	Special	Cumberland
Allmendinger, Harriette	Sophomore	Chicago, Ill.
Allmendinger, Josephine Booth	Freshman	Chicago, Ill.
Almendinger, Lucile	Junior	Prospect

Name	*Rank*	*Home Address*
Amborski, Lucy Mary	Freshman	Gaylord, Mich.
Anderson, Mary Grace, S. S.	Sophomore	Columbus
Anderson, Olive Frances, S. S.		Columbus
Armbrust, Mellie Moore, S. S.		Columbus
Ashley, Helen Marie	Junior	Columbus
Ater, Luella McFarlin	Freshman	Delaware
Babbitt, Mildred Martha	Senior	New Albany
Baer, Gertrude Anne	Freshman	Toledo
Bailey, Artamitia Mardel	Freshman	Columbus
Bair, William Aaron, S. S.		Celina
Baker, Mary Waddell, S. S.		Westerville
Ball, Mary Alice	Sophomore	Mt. Vernon
Bambach, Clara Louise, S. S.		Bethel
Bambach, Josephine Julia	Sophomore	Columbus
Barb, Lewis Elbert, S. S.		Reynoldsburg
Barclay, Margaret, S. S.		Columbus
Barlow, Esther Mary	Freshman	Middletown
Barlow, Roberta Steele	Special	Columbus
Barnes, Elinor Julia	Sophomore	Columbus
Barr, Helen C., S. S.	Junior	Columbus
Barstow, Leah, S. S.		Bryan
Bartlett, Cora Olive	Freshman	Columbus
Bartlow, Elton Oscar	Freshman	Columbus
Bass, Winifred, S. S.		Columbus
Bateman, Vesta Louisa	Freshman	Zanesville
Bausch, Catherine Elizabeth, S. S.		Columbus
Bayha, Florence Lois, S. S.	Senior	Columbus
Beck, Mary Louise	Senior	Lancaster
Beckett, Margaret Emogene	Freshman	Columbus
Beery, Rosamond U., S. S.		Rushville
Bell, Esta Elizabeth	Freshman	Wooster
Bell, Zellah Ruby, S. S.		Bellevue
Benjamin, Emilie	Senior	Sidney
Berry, Curtiss Linvill, S. S.		Lancaster
Bethel, Osie Sibyl, S. S.		Gillespieville
Betz, Lois Minerva, S. S.		Marion
Bickel, Eunice Elizabeth	Senior	Columbus
Billett, R. O., S. S.		Marengo
Blackburn, Elizabeth L., S. S.	Sophomore	Steubenville
Blake, Adeline Ethel	Sophomore	East Liverpool
Blakeney, Ella Mae	Junior	Akron
Blayney, Lois M.	Senior	Mt. Gilead
Bloom, Edna, S. S.		Xenia
Blose, Hilda, S. S.	Sophomore	Columbus
Bodell, Elizabeth C.	Sophomore	Columbus
Boge, Frieda Elizabeth, S. S.		Columbus
Bogman, Alice Marcia, S. S.		Zanesville
Bopes, Leota Faye	Special	Columbus

Name	*Rank*	*Home Address*
Bostwick, Margaret	Junior	Columbus
Bounds, Bernice Matilda	Freshman	Hebron
Bowen, Ellen M., S. S.		Columbus
Bowen, Melba Elizabeth	Sophomore	Columbus
Boylan, Marcella	Special	Columbus
Bradbury, Anne	Senior	Gallipolis
Bradley, Edith Almina, S. S.		Helena, Mont.
Bratten, Mary Elizabeth	Freshman	Columbus
Breckenridge, Orin	Sophomore	Grove City
Bresnahan, Agnes R., B. Sc., S. S.	Senior	Chillicothe
Bresnahan, Ann	Freshman	Chillicothe
Brewer, Gladene Lucille	Freshman	Akron
Brodt, May Louise	Freshman	Columbus
Broede, Ralph Saul, S. S.		Bloomville
Brooks, Alice Mary	Senior	Columbus
Brooks, Elizabeth Marie	Sophomore	Columbus
Brooks, Shirley Thomas	Special	Columbus
Brown, Carolyn Aloyse, S. S.		Columbus
Brown, Esther Adelaide	Sophomore	Mentor
Brown, Gertrude	Junior	Columbus
Brown, Mary Amelia, S. S.	Senior	Columbus
Brown, Nellie Edith	Freshman	Columbus
Browning, William Elgar	Sophomore	Greenfield
Broyles, Lelia Violet	Freshman	Gallipolis
Bruner, Ethel Gertrude, S. S.		Arcanum
Buchanan, Marguerite	Senior	Columbus
Buchwald, Anna Berta	Special	Columbus
Buck, Dorothy Louise	Sophomore	Columbus
Bullard, Alta	Junior	Mechanicsburg
Burdge, Adelaide R.	Special	Columbus
Burkley, Dorothy E.	Freshman	Columbus
Burkley, Geraldine Anne	Senior	Columbus
Burkley, Pauline, S. S.	Senior	Columbus
Calderwood, Ruth Barton	Sophomore	Shepard
Calisterio, Angel	Special	Narvacan, P. I.
Campbell, Hallam Dean	Sophomore	Columbus
Campbell, Margaret, S. S.		Columbus
Cartmell, Bessie, B. A.	Senior	Columbus
Case, Charles, S. S.		Mt. Gilead
Casterton, Harold K., S. S.		Columbus
Chang, Timothy C., S. S.		Canton, China
Chantler, Harriet Louise	Freshman	Columbus
Chapin, Mary Naomi	Sophomore	Fremont
Chavous, Charlotte Virginia	Sophomore	Columbus
Choguill, Grace, S. S.		Stockport
Christman, Emanuel M.	Special	Columbus
Clark, Adah Louise, S. S.		Columbus
Clark, Edna Frances, S. S.		Delaware

Name	*Rank*	*Home Address*
Clark, Mildred E., S. S.		Rock Creek
Clements, Kathryn F., S. S.		East Liverpool
Clemson, Mary	Special	Columbus
Clouse, Blanche Elizabeth	Senior	Gahanna
Coldren, Louise Ethel	Senior	Uhrichsville
Collins, Harold Livingston	Junior	Columbus
Colt, Elizabeth Marie, S. S.		Columbus
Congdon, Florence Kathryn	Freshman	Columbus
Conrad, Joseph Leo	Junior	East Sparta
Converse, Ruth	Freshman	Columbus
Conway, Rose Eleanor	Special	Worthington
Cornell, Mabel Alice	Sophomore	Akron
Cott, Elizabeth Marie	Senior	Columbus
Counts, Beatrice S., S. S.		Chillicothe
Cowel, Mildred Adah	Junior	Toledo
Cowell, Theresa	Special	Columbus
Cowey, Nora Belle	Senior	Linden Heights
Cramer, Geneva Katherine	Sophomore	Columbus
Cramer, Hazel Marie, S. S.		Amlin
Cranz, Luman Parker	Special	Ira
Crawford, Louise Anna	Sophomore	Rye Beach, N. Y.
Crawford, Milton Lee, S. S.		Akron
Crellin, Gladys Irene	Sophomore	Camp Chase
Crim, Virgil Paul	Freshman	Uhrichsville
Crowley, Frances Tinkham, S. S.		Columbus
Cryder, Annabelle	Senior	Delaware
Culverhouse, Mary Etha	Sophomore	Cadiz
Curry, Irma Juliette	Freshman	Columbus
Damron, Dorothy Elizabeth	Freshman	South Point
Danback, Pearl Mae, S. S.	Sophomore	Mansfield
Darby, Martha	Junior	Columbus
Davenport, Ruthe	Freshman	Wooster
Davidson, Mabel A.	Junior	Williamsburg
Davis, Edna May, S. S.	Sophomore	Columbus
Davis, Kathleen Kinney	Senior	Washington C. H.
Davis, May	Freshman	Cleveland
Davis, Nina Marie, S. S.		Hemlock
Davis, Ruby	Freshman	Columbus
Davis, Ruth Genevieve, S. S.		Milford Center
Davy, Olive Ruth	Freshman	Canton
DeBolt, Gladys Irene	Senior	East Liverpool
Defenbaugh, Anna Pauline	Sophomore	Tarlton
DeHaven, Aleta Fern, S. S.	Senior	Orient
Delk, Margaret, S. S.		Columbus
DeNune, Ruth	Sophomore	Toledo
Derrer, Thelma Erna	Sophomore	Columbus
DeWitt, Ada May, S. S.	Junior	Columbus
Dickey, Alma	Sophomore	Columbus

Name	*Rank*	*Home Address*
Dierker, Hilda E., S.S.		Columbus
Dill, Alvie Leona	Freshman	Sidney
Dissinger, Ruth Marie	Senior	Columbus
Ditmer, Merlin Ammon	Special	Westerville
Dolby, Esther Maurine	Freshman	Columbus
Dolezal, Ruth	Senior	Columbus
Donavon, Dorothy	Freshman	Columbus
Doren, Etta Maletta, S.S.		Bryan
Dow, Elsie Orletta	Sophomore	Columbus
Drake, Leland Nathan	Senior	Brunswick
Dudley, Robert Lewis	Sophomore	Briggsdale
Duff, David Franklin, S.S.		New Concord
Dukes, Harriet K.	Junior	Columbus
Dunbar, Anna Katherine	Junior	Worthington
Dunkel, Louise	Senior	Columbus
Dunn, Eleanor Russell, S.S.		Stockport
Dupre, Luella, S.S.		Paulding
Durbin, Gertrude Emma, S.S.	Freshman	Danville
Durstine, Emery Mather	Freshman	Cleveland
Dye, Robin M.	Sophomore	Columbus
Eberly, Mary Josephine	Special	Columbus
Eby, Ada Elizabeth	Freshman	Columbus
Eby, Lucile	Sophomore	Smithville
Eckelberry, Roscoe Huhn	Senior	Columbus
Edelen, Rama Mae	Freshman	Parkersburg, W. Va.
Edelman, Gladys	Freshman	Marion
Edmiston, Beatrice	Junior	Columbus
Edmiston, Kathryn	Junior	Vinton
Eichhorn, Margaret Lucile	Junior	Barnesville
Eilber, Florence Marguerite	Special	Columbus
Eilbert, Wilma Elizabeth	Sophomore	Columbus
Elliott, Flora Louise	Junior	Columbus
Elliott, Helen Anne, S.S.		Columbus
Elliott, Mary Elizabeth	Sophomore	Columbus
Emery, Hollis Gale	Freshman	Greenspring
Enders, Wilbur Lawrence, S.S.		Sidney
Esper, Ethel Cooke, B.A.	Senior	Columbus
Evans, Elizabeth	Junior	Columbus
Evans, Ethel B.	Junior	Youngstown
Evans, Grace, S.S.		Toledo
Evans, Helen Louise, S.S.	Special	Columbus
Evans, Helen Marie	Freshman	Washington C. H.
Evens, Dorothy Charles	Freshman	Jackson
Ewers, Margaret Elizabeth	Senior	Columbus
Ewing, Ethel, S.S.		Urbana
Fairchild, Helen H.	Sophomore	Camp Chase
Faller, Kathryn	Sophomore	Columbus
Faringer, Hazel Jeannette, S.S.		Columbus

Name	*Rank*	*Home Address*
Ferree, Marjorie Elizabeth	Freshman	Columbus
Fetzer, Helen Marie	Sophomore	Columbus
Fields, Marion Gladys	Senior	West Jefferson
Finch, Iris	Senior	Lakewood
Finley, Lester McClellan	Freshman	Quaker City
Finney, Davida Margaret	Special	Coshocton
Fischer, Carrie Isabelle, S. S.	Special	Columbus
Fish, Gladys Vigneron, S. S.		Columbus
Fish, Wilbur C., S. S.	Senior	Troy
Fishbaugh, Anthony Wayne	Freshman	Mendon
Fishbaugh, Mary Belle	Sophomore	Mendon
Fitzgerald, Mary E.	Senior	Findlay
Fitzpatrick, Helen Marie	Freshman	Columbus
Fitzpatrick, Leota Catherine	Junior	Newark
Fleming, Martha Mildred, S. S.	Special	Columbus
Flood, Susan Mary, S. S.		Columbus
Folk, Gaylord Austin	Junior	Findlay
Folsom, Pearl L., S. S.	Special	Columbus
Fornof, Emily Elsie	Sophomore	Columbus
Foster, Margaret Emeline	Junior	Glen Echo, Md.
Frazier, Esther Lucille, S. S.		Frazeysburg
Frazier, Lorena	Special	Columbus
Frederick, Edith Leola, S. S.	Senior	Columbus
Freeman, Alice	Freshman	Columbus
Freeman, Eleanore	Freshman	Columbus
Fuge, Ruth Mary	Freshman	Bexley
Gage, Frances Ellen	Freshman	Painesville
Gallaher, Hazel Marie	Sophomore	North Jackson
Garberg, Margaret V.	Freshman	Columbus
Garrett, Helen Virginia	Sophomore	Columbus
Gates, Alberta, S. S.		Columbus
Gerber, Alexander Ernest	Freshman	Columbus
Gerhardt, Helen May	Sophomore	Washington C. H.
Gherlein, Jacob A.	Junior	Columbus
Gibbons, Anne Kathryn	Freshman	Cleveland
Giesen, Dorothy Marie	Freshman	Columbus
Giesen, Ruth	Sophomore	Columbus
Gift, Ruth Ann	Freshman	Wabash, Ind.
Gilbert, Alice Ruth, S. S.		Columbus
Gilbert, Beatrice	Junior	Niles
Gilday, Cecelia Mary, S. S.	Senior	Steubenville
Gilmore, Hellen M., S. S.		Lakewood
Glaze, Beatrice Ellen, S. S.		Greenfield
Glesenkamp, Ruth, S. S.		Delaware
Gluck, Elsie, S. S.	Junior	Columbus
Golladay, Audrey M.	Junior	Columbus
Golladay, Grace Althea, S. S.	Senior	Columbus
Goode, Susie Nelsonia, S. S.	Sophomore	Abingdon, Va.

Name	*Rank*	*Home Address*
Gower, Elza	Sophomore	Columbus
Griffin, Dudley Thomas	Sophomore	Columbus
Griggs, Mathew Frank, S. S.		Wilberforce
Groff, Kathryn Ervella	Freshman	Columbus
Gross, Haidee Coral, S. S.		West Unity
Grove, Mariam	Junior	Lancaster
Gruber, Elizabeth Anna	Freshman	Cleveland
Guyton, Fay E., S. S.		Winterset
Hadley, Hazel, S. S.		Columbus
Haley, Maud May, S. S.	Junior	McComb
Hall, William Carleton, S. S.		Audis
Hambleton, Carmen Adelaide	Junior	West Jefferson
Hamilton, Joan Elizabeth, S. S.		Columbus
Handelsman, Adeline	Junior	Cleveland
Hannan, Frances	Junior	Columbus
Hannon, Mary Eileen	Junior	Logansport, Ind.
Hansen, Irene Lydia	Special	Toledo
Hard, Ethel Marie	Special	Worthington
Harley, Florence Marie	Sophomore	Columbus
Harris, Helen Pauline	Junior	Edison
Hart, Walter Reeves, S. S.		Pandora
Hartinger, George Allen, S. S.	Sophomore	Columbus
Hartman, Elva Ione	Freshman	Columbus
Harward, Margaret	Sophomore	Gahanna
Haskins, Euphrasia Cathryn	Freshman	Wakeman
Hastings, Helena Belle, S. S.		Youngstown
Hatton, Edna B., S. S.		Columbus
Hawke, Nellie May, S. S.		St. Louisville
Hazen, Ione Lillian	Senior	Columbus
Heavener, Ruth Emma, S. S.		Peterson, W. Va.
Heinig, Helen E.	Senior	Dayton
Henderson, Albert Lee, S. S.	Special	Hebron, Ind.
Henley, Alberta, S. S.	Junior	Columbus
Henning, Frances Catherine	Freshman	Stryker
Hensell, Margie O.	Junior	LaRue
Herskowitz, Leah Mae, S. S.		Columbus
Heyde, Florence E., S. S.		Columbus
Hickox, Josephine Ruth	Sophomore	Barberton
High, Rachel, S. S.	Senior	Columbus
Hill, Otter Jesse, S. S.		Ashley
Hindman, Darwin, A. B.	Special	Lorain
Hirsch, Irene Dorothea	Freshman	Columbus
Hitchcock, Mary Alice, A. B., A. M.	Special	Columbus
Hixson, Joseph H., S. S.	Junior	Cambridge
Hoffman, Edna Marea	Sophomore	Columbus
Hogan, Mabel Evalina	Freshman	Columbus
Hogne, Pearle, S. S.		Pataskala
Hoke, Mildred May, S. S.		Huntington, Ind.

Name	*Rank*	*Home Address*
Hollenbaugh, Mildred E.	Freshman	Fostoria
Hollmann, Lydia Augusta, S. S.		Green Bay, Wis.
Hopkins, Marion, S. S.		Columbus
Horn, Charlotte Evangeline	Freshman	Columbus
Howard, William H., S. S.		Columbus
Hudson, Margaret Anna	Freshman	Columbus
Hufford, Ruth Helen	Junior	Troy
Hulshizer, Neva Ruth	Freshman	Newark
Hunt, Alice S., S. S.	Sophomore	Columbus
Hunter, Mary Ewart	Special	Columbus
Hutt, Rebecca J., S. S.		Columbus
Huttenlocher, Mabel Isabel	Freshman	Berlin Heights
Hyde, Ellen Elizabeth	Sophomore	Rushville
Ice, Ruth Clawson, S. S.		Logansport, Ind.
Ingersoll, Lilian Bell	Sophomore	Columbus
Jackson, Guy F., S. S.	Senior	Lancaster
Jacoby, Gladys Marie	Sophomore	Ashley
Jeffrey, Frank Orson	Special	Worthington
Jenkins, May	Freshman	Columbus
Johnson, Mary Bernice	Freshman	Columbus
Johnson, Grace Ingersoll, S. S.	Junior	Columbus
Jones, Eleanore M.	Freshman	Washington C. H.
Jones, Elizabeth E., S. S.		Columbus
Jones, Frieda A.	Sophomore	Laura
Jones, Katherine, S. S.		Columbus
Jones, Katherine Olivia	Junior	London
Jones, Lillian Mary	Junior	Columbus
Jones, Ruth Bryan, S. S.		Wilkesbarre, Pa.
Joyce, Ruth Elizabeth	Senior	Hudson
Judd, Edith May, S. S.	Special	Columbus
Kaderly, Margaret Carrie	Special	Galloway
Kauffman, Lillian Lisle, S. S.		Columbus
Kaufman, Virginia	Sophomore	Columbus
Kearney, Sara Elizabeth	Sophomore	Youngstown
Keeler, Alma Adella, S. S.	Junior	Linden Heights
Kelly, Helen	Junior	Lima
Kelsey, Dorothy C.	Sophomore	Columbus
Kendall, Fayetta S., S. S.	Junior	Columbus
Kendall, Nina	Freshman	White Cottage
Kern, Violet L.	Junior	Casstown
Kerrigan, Agnes Jane, S. S.		Washington C. H.
Ketterer, Louise Amelia	Junior	Columbus
Key, Savilla Madeline	Sophomore	Columbus
Kline, Ruth Vivian	Junior	Greentown
Klingensmith, Phyllis Virginia, S. S.		Swissvale, Pa.
Koester, Helen Ernestine, S. S.		South Euclid
Kreager, Pauline	Sophomore	Brownsville
Kress, Florence Elizabeth	Freshman	Cleveland

Name	*Rank*	*Home Address*
Kubach, Walter, S. S.		Sandusky
Kuehner, Lena Elizabeth, S. S.		Columbus
Kuenzel, Myra Wilhelmina	Freshman	New Bremen
Laird, Katharyn Lucile	Freshman	Mansfield
Lamon, Eva Virginia	Sophomore	Columbus
Lane, Ruth May	Special	Hilliards
Lang, May Henrietta, S. S.		Columbus
Lantz, Beatrice Loraine, S. S.		Columbus
Larimore, Reppa Doddridge, S. S.		Dayton
Laughead, Beatrice	Sophomore	Columbus
Laughlin, Ruth	Junior	New York City
Lawson, Margaret	Sophomore	Columbus
Layner, Emma Ethel, S. S.	Junior	Columbus
Layton, Clifton M., S. S.		Columbus
Leferenz, Edith	Freshman	Columbus
Lehman, Arline Farrell	Sophomore	Columbus
Lehne, Eleanor Louise	Freshman	Columbus
Lenhart, Hollis Marie	Junior	South Zanesville
Lentz, Floyd Eugene	Junior	Medina
Lepley, James Bryan	Junior	Howard
Lewis, Emily Martha	Junior	Wyoming
Lewis, Marguerite Mary, S. S.	Senior	Newport, Ky.
Ley, Betty Helen	Freshman	Columbus
Liggett, Margarite Agnes	Sophomore	Cadiz
Lindsay, Aisley L.	Senior	Columbus
Lintner, Mary Adelaide, S. S.		Columbus
Long, Glenn S.	Sophomore	Lima
Long, Jacob B., S. S.		Greenville
Lowden, Thomas Scott, Jr.	Special	Columbus
Lowenstein, Marie, S. S.	Junior	Columbus
Lum, William Thomas	Special	Columbus
Lumley, Helen Robey, S. S.	Senior	Columbus
Lumley, Ruth Brown	Freshman	Columbus
Lyon, Louise B.	Special	Columbus
McClure, Marjorie Cathryn, S. S.		Mansfield
McComas, Marian Elizabeth	Freshman	Bridgeport
McConnell, Clarissa H.	Freshman	Chillicothe
McCormick, Helen Mary, S. S.		Waynesburg
McCormick, Vera Rachel	Junior	Columbus
McCoy, Edith Pearl	Sophomore	Columbus
McCoy, Oren Othel	Sophomore	Columbus
McCoy, Ruth Lavinia	Freshman	Columbus
McCrory, Mae I.	Freshman	Bucyrus
McCullough, Dorothy Lynn	Junior	Columbus
McDonald, Edna Stedman	Special	Columbus
McGlinchay, Chloie D.	Junior	Columbus
McGrew, Sai E., S. S.	Special	Columbus
McMeen, Irene May, S. S.		Warren

Name	*Rank*	*Home Address*
McReynolds, Lavone, S. S.		Columbus
Mackey, Carl Louis, S. S.		Sandusky
Mackey, Floy Wagar, S. S.		Sandusky
MacLeod, Frank Earl	Special	Columbus
Maier, Emilie Caroline	Junior	Columbus
Maier, Lillie Caroline	Freshman	Columbus
Maloney, Mary Catherine	Senior	Leonardsburg
Mansperger, Martin Matheney	Senior	Caldwell
Marcy, Mary Brewster	Senior	Mt. Sterling
Markey, Ruth, S. S.		West Alexandria
Marmet, Bertha Louise	Freshman	Columbus
Marshall, Louise Kaiser, S. S.	Junior	Columbus
Marshall, Ruth A.	Freshman	Bucyrus
Marshall, W. T. William	Special	Columbus
Martin, Clara Lilley, S. S.		Xenia
Martin, Margaret, S. S.	Special	Columbus
Martin, Martha Elizabeth	Freshman	Madison
Martin, Oliver Clayton, S. S.		Cadiz
Mason, Harrison O., S. S.		Xenia
Mason, Helen L.	Freshman	Columbus Grove
Mason, Mildred G., S. S.		Circleville
Massie, William Edgar, S. S.		Lucasville
Masso, Gildo, S. S.		Cayey, Porto Rico
Matheny, Thelma Elizabeth	Junior	Columbus
Matthews, Maxine Helen	Freshman	Columbus
Mawer, Helen Charlotte, S. S.	Senior	Cleveland
Mayer, Mildred Catherine, S. S.		Columbus
Mayhugh, Ella R.	Special	Columbus
Meinke, Evalyn, S. S.		Pioneer
Mesa, Jose Zialcita de	Freshman	Aguilar, P. I.
Mettler, Helen F.	Freshman	Laurelville
Metz, Barbara Elizabeth	Freshman	Tiffin
Meyer, Marjorie Crawford	Sophomore	Wheeling, W. Va.
Miesse, Mary Ann	Senior	Columbus
Might, George Willard, S. S.		Wilkesville
Mikisell, Roy E., S. S.		Johnstown
Miller, Esther Christine, S. S.		Columbus
Miller, Guy Bashford, S. S.		Columbus
Miller, Iloene Luttrell	Senior	Lancaster
Miller, Laura Kate, S. S.		West Point, Miss.
Miller, Mark Aurelius, S. S.		Columbus
Miller, Ruth Ford	Special	Columbus
Milligan, Dorothy	Sophomore	Columbus
Milligan, Helen	Sophomore	Columbus
Minnich, Beatrice, S. S.		Uhrichsville
Mitchell, Helen	Freshman	Plain City
Mitchell, Vera Stockman, S. S.	Freshman	Columbus
Moody, Mary Louise	Freshman	Columbus

Name	*Rank*	*Home Address*
Moody, Wilkie Osgood, S. S.		Granville
Mooney, Harriet	Freshman	Columbus
Moore, Charlotte E., S. S.	Senior	Dayton
Moore, Cleo M.	Junior	Marion
Moore, Edythe Katheryn	Sophomore	Columbus
Moore, Lillian Russell, S. S.		East Orwell
Moore, Margaret Jane	Junior	Huntington, W. Va.
Morgan, Clara Eudora, S. S.	Sophomore	Columbus
Morgan, Emmagene Selby	Senior	West Middletown
Morgan, Gladys Emma, S. S.		Columbus
Morris, Margaret Martina, S. S.		Columbus
Moss, Leona Gertrude, S. S.		Wilkesbarre, Pa.
Mowls, Mary Elliott, S. S.		Columbus
Mulzer, Marie Lucile	Senior	Galena
Murphy, Lucile, S. S.		Columbus
Murray, Anna Margaret	Sophomore	Columbus
Myers, Elizabeth Virginia	Sophomore	Columbus
Myers, Maude Lee	Freshman	Columbus
Nafzger, Bertha May, S. S.	Sophomore	Gahanna
Naylor, Elmer Talmage, S. S.	Senior	Columbus
Neal, Frances Mary	Freshman	Medway
Nemecek, Anna J.	Freshman	Lorain
Neunherz, Myra J., S. S.		Columbus
Newlun, Lovina Ella	Senior	Columbus
Nice, Bertha M.	Special	Columbus
Nicholson, Dorothy Cornelia	Junior	Columbus
Noble, Louise, S. S.		Columbus
Norris, Lucille Isabelle	Junior	Middlefield
North, Mary Alice, S. S.		Vandalia
Oberdorfer, Mary Christine	Freshman	Lancaster
Okerbloom, Dorothy Carolyn	Sophomore	Columbus
Oliver, Geraldine	Senior	Versailles
Olmstead, Fern Kathryn	Senior	Columbus
Orebaugh, Nelle Rosetta	Special	Columbus
Orf, Eleonore	Special	Columbus
Orr, Grace Elizabeth	Freshman	Chillicothe
Parkinson, George Ambrose, S. S.	Sophomore	Columbus
Parkinson, James Franklin	Sophomore	Columbus
Parrot, George H., S. S.		Columbus
Patton, Gertrude E., S. S.		Girard
Paull, Martha, S. S.		Cincinnati
Pavey, Eugenia, B. A.	Senior	Columbus
Pearsall, Justine Elizabeth	Freshman	Newark
Pearson, Mary Elizabeth	Freshman	Columbus
Peck, Elizabeth C., S. S.		Columbus
Penman, Beatrice Elizabeth	Freshman	Portsmouth
Peterman, Martha Jane	Sophomore	Cochranton, Pa.
Phelps, Grace Clark, S. S.	Special	Columbus

Name	*Rank*	*Home Address*
Philbrick, Metta Gail	Junior	Columbus
Pierce, Cecelia Alice	Special	Columbus
Porter, Amy Gail	Freshman	Marion
Postle, Dorothy Kathryn	Freshman	Columbus
Poulton, Helen Margaret	Sophomore	Columbus
Powell, Earl Clair, S. S.		McCutchenville
Pratt, Delbert Randall, S. S.		Granville
Pretz, Lucile	Freshman	East Orwell
Price, Ethel L.	Special	Columbus
Priest, Marguerite Ruth	Freshman	Columbus
Pritchard, Anna M.	Special	Columbus
Purisima, Ceferino, S. S.	Senior	Laoag, P. I.
Rader, Mildred Elizabeth	Sophomore	Columbus
Rainier, Frances, S. S.		Groveport
Rains, Elma L.	Junior	Columbus
Rains, Verna Mae	Freshman	Columbus
Rang, Gertrude Long, S. S.		Columbus
Raymundo, Luciano D.	Freshman	Seattle, Wash.
Raynor-Ranck, Clara	Senior	Brooklyn, N. Y.
Recob, Gladys Lura, S. S.	Senior	London
Redd, Esther Elizabeth	Sophomore	Columbus
Redd, Lettie Leota	Freshman	Columbus
Reed, Elinore Hyacinth	Freshman	Barnesville
Reed, George W., S. S.		Youngstown
Reed, William Frederick	Junior	Pomeroy
Reelhorn, Florence Elizabeth	Senior	Kirkersville
Reussner, Cordelia Josephine	Freshman	Columbus
Rice, Bertha Mary, S. S.	Junior	Columbus
Richard, Lorna M.	Junior	Columbus
Richards, Eliza Evelyn, B. Sc., S. S.	Senior	Columbus
Richards, Eva Marie, S. S.	Special	Columbus
Richards, M. Florence, S. S.	Senior	Columbus
Richardson, Eloise	Senior	Columbus
Rimer, Lenore Evelyn	Freshman	Columbus
Rinker, Mary	Sophomore	Table Grove, Ill.
Rittenhouse, Mary Hutt, S. S.		Bainbridge
Roberts, Edgar Christopher	Junior	Columbus
Robinson, Elizabeth Louise	Freshman	Columbus
Robinson, Ellouise	Junior	Columbus
Robinson, Fern H.	Senior	Columbus
Roland, Gladys Amelia	Sophomore	Greenville
Roling, Grace, S. S.		Columbus
Roloson, Charlotte Esther, S. S.	Junior	Columbus
Rosenbloom, Helen D.	Sophomore	Cleveland
Ross, John Elza, S. S.		Malta
Ross, Nellie M.	Special	Columbus
Rowland, Catherine Elizabeth	Sophomore	Columbus
Ruch, Gladys Lucinda	Freshman	Canton

Name	*Rank*	*Home Address*
Rupnow, Beatrice Hazel	Freshman	Columbus
Ryder, Raymond Robert, S. S.		Covington
Salmans, Ruth Madeline	Freshman	Columbus
Sanborn, Lois Allen	Freshman	Columbus
Sandusky, Laura Belle	Sophomore	Gahanna
Schadler, Ralph Milton	Special	Columbus
Schafer, Verla	Sophomore	Columbus
Schauweker, Mildred Miriam, S. S.		Coshocton
Schlose, Bertha Augusta	Sophomore	Columbus
Schlose, Freda Ida	Freshman	Dayton
Schneider, Elma Mae	Sophomore	Gahanna
Schneider, Norris Franz	Senior	Belpre
Schott, Isabella Julia, S. S.		Columbus
Schulz, Eleanor Miriam	Freshman	Columbus
Seeger, Thelma	Sophomore	Bucyrus
Seeley, Anna R., S. S.	Senior	West Mentor
Seibert, Naomi Lucille	Sophomore	Columbus
Sewell, Mildred Irene	Sophomore	Columbus
Shade, Helen	Freshman	Linden Heights
Shaffer, Velma F.	Senior	Columbus
Sherwood, Beatrice	Sophomore	Lima
Shibler, Arthur, S. S.		Milford Center
Shover, Aleta	Sophomore	Columbus
Siebert, Dorothy Mae	Junior	Columbus
Simpson, Annie Elizabeth, S. S.		Charleston, W. Va.
Singrey, Clara Josephine	Junior	Lancaster
Skeel, LaFerne Alma	Sophomore	Cleveland
Slade, Dewey	Sophomore	Columbus
Slater, Gertrude	Sophomore	Columbus
Slater, Grace Mae	Senior	Columbus
Slavens, Annida Clara	Freshman	Columbus
Smith, Clarence C., S. S.		Delta
Smith, Elizabeth E., S. S.	Sophomore	Columbus
Smith, Eva Jane	Junior	Columbus
Smith, F. Emerson	Freshman	Lima
Smith, Lucy Byers, S. S.	Junior	Columbus
Smith, Ralph Lester, S. S.		Ashville
Snyder, Josephine Leola, S. S.		Edenburg, Pa.
Spencer, Elzada Doris	Special	Columbus
Spencer, Ethel Audrey	Special	Columbus
Spengler, Lillian Marie	Senior	Napoleon
Sprouse, Elizabeth Pearl	Sophomore	Commercial Point
Stacy, Zulema Frances	Freshman	Columbus
Stanhagen, William Horchler, S. S.		Fairmont, W. Va.
Stayman, Mary Catharine	Sophomore	Columbus
Steele, Clyde C., S. S.		Bedford
Steele, Russell Edward	Sophomore	Columbus
Stetelman, Anne	Freshman	Columbus

Name	*Rank*	*Home Address*
Stewart, Katherine Irene	Freshman	Rochester, N. Y.
Stoker, Edith M.	Sophomore	St. Marys
Stolz, Catherine	Freshman	Dayton
Strait, Gloria	Senior	Columbus
Strosnider, Sadie	Freshman	Williamson, W. Va.
Stuart, Matilda Louise	Special	Columbus
Sturgeon, Madge Wintringer	Senior	Steubenville
Sullivan, Dorothy Elizabeth	Freshman	Columbus
Suydam, Ruth Ann	Freshman	Columbus
Sweeny, Charles	Freshman	Lewisburg
Sweeny, Robert Neil	Freshman	Lewisburg
Swinehart, Ross P., S.S.		Powell
Swisher, Dorothy Louise	Freshman	Columbus
Swope, Kathaleen	Freshman	Amanda
Taylor, Brown Floyd	Special	Graham, Va.
Taylor, E. Olive	Sophomore	Morrow
Taylor, Genevieve	Junior	Columbus
Taylor, Norman McKinley	Freshman	Galloway
Temple, Mabel, S.S.		Columbus
Thompson, Wilma Jeane	Sophomore	Steubenville
Thornburg, Frank M.	Senior	Columbus
Tice, Hazel Gladys	Junior	Powell
Trisler, Early Clinton, S.S.		Cincinnati
Trout, Clara Marie	Freshman	Amanda
Troxel, Susan Geraldine, S.S.		Rockbridge
Tucker, Belva	Junior	Ashland
Turner, Mabel Gertrude, S.S.	Junior	Greenville
Tussing, Laura	Sophomore	Reynoldsburg
Tyler, Caroline, S S.	Junior	Columbus
Tyne, Thelma Catherine	Freshman	Columbus
Uhrich, Marie Magdalene	Freshman	Ottoville
Vail, Laura Ashbaugh, S.S.		Columbus
Van Atta, Ruby Phyllis, S.S.	Sophomore	Columbus
Van Fleet, Mary Ernestine	Freshman	Caldwell
Van Hellen, Londa Elizabeth, S.S.		Toledo
Vaughn, Charles H.	Sophomore	Polk
Verde, Manuel Raymundo, S.S.		San Ildefonso, P. I.
Virden, Edna G., S.S.	Senior	Columbus
Volk, Minna Louise	Special	Columbus
Vollrath, Carol Pamela	Sophomore	Bucyrus
Vorman, Helen Sigrid, S.S.	Sophomore	Youngstown
Wagner, Erna Marguerite	Sophomore	Cleveland
Walker, Anabel	Sophomore	Columbus
Walker, Helen W., S.S.		Columbus
Walker, Pauline Francina, S.S.	Senior	Columbus
Wallace, Odell, S.S.	Freshman	Columbus
Walter, Zura Milton, S.S.	Senior	Columbus
Walters, Dorothy Adele	Sophomore	Columbus

Name	*Rank*	*Home Address*
Warner, Madonna Ruth	Freshman	Hicksville
Warner, Rodney Johnson	Junior	Woodstock
Warren, Edna Mae	Freshman	Stryker
Wasserstrom, Doris Ellen	Sophomore	Columbus
Waters, Josephine, S. S.		Lakeside
Watson, Velma Ann	Senior	Cambridge
Watts, Fred	Freshman	Circleville
Weaver, Ellen Katharine, S. S.	Senior	Columbus
Weaver, Ethel May, S. S.		Centralia, Ill.
Weaver, Mabel Helena, S. S.		Columbus
Weber, Fannie E.	Senior	Hilliards
Weinman, Helen Louise	Junior	Shepard
Wells, Dorothy Jane	Freshman	Columbus
Wells, Giorgia Hixson, S. S.	Senior	Columbus
Wells, Mary Lucille	Freshman	Columbus
Wendler, Willah Naomi	Sophomore	Fremont
Wenger, Cora, S. S.		Canton
Wertman, Mildred Ozella	Sophomore	Stoutsville
Whaley, Elva Naomi, S. S.		Columbus
White, Florence Estella	Sophomore	Grove City
White, Lyda Marie, S. S.	Sophomore	Columbus
White, Nora, S. S.	Special	Columbus
Whitzel, Mary Effie	Junior	Columbus
Wible, Helen Seel, S. S.	Freshman	Milford Center
Wickerham, Grace, S. S.		Peebles
Wickert, Glenna Helen, S. S.		Mansfield
Wickham, Mabel Elogeanne, S. S.	Senior	Toboso
Wilcox, Burt Wilson	Sophomore	Columbus
Wilkerson, Ralph Leon	Junior	Glendale
Williams, Birdia Mae	Senior	Ironton
Williams, Catharine Melissa	Freshman	Marysville
Williams, Edith Mae	Junior	Columbus
Williams, Grace Anna	Sophomore	Williamson, W. Va.
Williams, Marie Owen	Junior	Columbus
Wilson, Alethea Florence	Freshman	Columbus
Wilson, Helen C.	Senior	Sharon, Pa.
Wilson, Ismay Waldon	Freshman	Columbus
Wilson, Robert J., S. S.		Lancaster
Wing, Clara, S. S.		Columbus
Winter, Charles Stuart	Freshman	Steubenville
Wirth, Carl Henry, S. S.		Cleveland
Wise, Lucille, S. S.		Lima
Witherspoon, Helen Adele	Sophomore	Columbus
Wolf, Clara Louise, S. S.		Cleveland
Wolfe, Clifford Edwin, S. S.		East Liverpool
Wolfe, Rebecca Bessie, S. S.		Columbus
Wolfe, Viola Marie	Sophomore	Valley City
Wolgamot, Charlotte, S. S.		Richwood

Name	*Rank*	*Home Address*
Woodcock, Ruth Estella, S. S.		Columbus
Woodfill, Garcia Nell, S. S.		Columbus
Wright, Beatrice, S. S.		Corning
Wright, Grace Estella	Special	Columbus
Wright, Mary Jane	Sophomore	Indianapolis, Ind.
Wyman, Margaret Cecilia, S. S.		Sidney
Yager, Elizabeth Florence	Freshman	Chillicothe
Yates, Mildred Ella, S. S.		East Liverpool
York, Mary E., S. S.		Versailles
Zehm, Freda	Sophomore	Columbus
Zeigler, Mabel Luella, S. S.		Mansfield
Zulauf, Harry Leighton	Junior	Columbus
Zulauf, John Byron, S. S.		Mt. Gilead

COLLEGE OF ENGINEERING

Name	*Course*	*Rank*	*Home Address*
Abbey, Frank G.	M. E.	Sophomore	Cleveland
Achauer, Reed Davis	C. E.	Freshman	Zanesville
Ackerman, Harold Shattuck	E. E.	Freshman	Columbus
Acosta, Angel F.	Chem.	Sophomore	Rincon, Porto Rico
Adams, Ivan Rupert, S. S.	M. E.	Sophomore	Columbus
Adcock, Albert Scholl, S. S.	Cer.	Sophomore	Logan
Adkins, Edwin H.	Chem.	Senior	Toledo
Agiular, Buenaventura	Gen. Engr.	Freshman	Passi, P. I.
Ahigian, Hovagim	E. E.	Special	Columbus
Ahl, Robert Todd	E. M.	Freshman	Bucyrus
Akin, Thomas Bancroft	M. E.	Sophomore	Columbus
Albert, LeRoy Christian	Arch. Engr.	Sophomore	Wyoming
Albrecht, Samuel F.	Arch. Engr.	Junior	Lima
Albright, Charles Durrell	Chem.	Freshman	Willard
Albright, Louis Edgar	Arch. Engr.	Junior	Columbus
Allemang, Raymond	Chem.	Freshman	Washington C. H.
Allen, Albert Edward, Jr.	Chem.	Freshman	North Kenova
Allen, Carl Edgar	C. E.	Freshman	Columbus
Allen, Carroll Maurice	Chem.	Freshman	Van Wert
*Allen, Damon Frederick	Gen. Engr.	Sophomore	Corning
Allen, George H.	E. E.	Sophomore	Springfield
Allen, George W.	C. E.	Freshman	Columbus
Alspach, Clement W.	Met.	Junior	Sandusky
Ammon, Millard Gladding	Chem.	Sophomore	Columbus
Ammon, Octave	Arch. Engr.	Freshman	Columbus
Anderson, Ande A., S. S.		Sophomore	Ashtabula
Anderson, James	C. E.	Sophomore	Columbus
Anderson, Philip R.	E. E.	Sophomore	Chillicothe

*Died February 5, 1921.

Name	*Course*	*Rank*	*Home Address*
Anderson, Walter W.	Arch. Engr.	Freshman	Columbus
Andrews, Elmer Lawrence, Jr.	M. E.	Freshman	Lima
Anna, Thomas	Chem.	Senior	Huntington, Ind.
Annis, John Arthur	E. E.	Freshman	Cleveland
Annis, Russell K.	M. E.	Senior	Columbus
Apple, Foster L., S. S.	E. M.	Sophomore	Lima
Arburu, Jose	M. E.	Freshman	San Pedro de Macoris, W. I.
Armington, George	M. E.	Freshman	Wickliff
Arner, Clifford Leroy	Chem.	Junior	Orangeville
Arnold, Joseph Nation	Arch. Engr.	Sophomore	New Berlin
Arthur, Edwin P.	Gen. Engr.	Sophomore	Wilmington
Artman, Donald	C. E.	Junior	Canton
Aschman, Gustave	Gen. Engr.	Freshman	Beaver, Pa.
Assenheimer, Donald	C. E.	Freshman	Bucyrus
Asuncion, Felipe	M. E.	Freshman	Manila, P. I.
Atkinson, George Edwin, S. S.	M. E.	Sophomore	Proctorville
Auck, Dale Kenneth, S. S.	E. E.	Sophomore	Bucyrus
Ault, James Howard	C. E.	Sophomore	Yellow Springs
Ault, Merrel Lu Vois	C. E.	Freshman	Cardington
Avril, Arthur Christian	E. M.	Freshman	Columbus
Ayers, Ralph Herbert	C. E.	Junior	Morrow
Ayers, Robert C.	E. E.	Sophomore	Eaton
Babbitt, Katherine	Arch. Engr.	Junior	Columbus
Bach, Boyd O.	M. E.	Junior	Belmore
Bachman, Leland Morris	M. E.	Freshman	Columbus
Bachman, Paul Stanton	C. E.	Senior	Columbus
Badgeley, Clarence Dale	Arch. Engr.	Sophomore	Springfield
Bagdasarian, Boris	C. E.	Freshman	Alexandropol, Armenia
Bailey, Fred William	E. E.	Junior	Columbus
Bailey, Mark Scott	M. E.	Freshman	Leesburg
Baird, Charles	E. E.	Freshman	Lowellville
Baker, Carl O.	M. E.	Junior	Dayton
Baker, George Livingstone	Chem.	Freshman	Springfield
Baker, Marshall William	M. E.	Freshman	Brookville
Baker, Rolland G.	C. E.	Sophomore	Andover
Baker, Thomas Hisatt	C. E.	Junior	Columbus
Baker, Warren Jay, Jr., S. S.	Chem.	Junior	Toledo
Baldauf, Earl E.	Cer.	Sophomore	Marion
Ball, John Gerald	Chem.	Freshman	McConnelsville
Baque, Harold	Chem.	Senior	Medina
Barboza, Antonio F., Jr.	C. E.	Junior	Franca, Brazil
Bard, Ora Walter	M. E.	Sophomore	Bryan
Barden, Clayton M.	Gen. Engr.	Sophomore	Shreve
Bare, Ben K.	C. E.	Junior	Columbus
Barger, Gilbert H.	Chem.	Freshman	Columbus
Barker, Leon Gaylord	C. E.	Freshman	Johnstown

Name	*Course*	*Rank*	*Home Address*
Barley, Leo Dosch	M. E.	Junior	Dayton
Barnes, Orlando K.	M. E.	Freshman	Akron
Barnett, Robert	Gen. Engr.	Sophomore	Cleveland
Barr, Bruce A.	Arch. Engr.	Sophomore	Youngstown
Barrett, John	E. E.	Freshman	Patterson
Bartlett, Heber Leroy	M. E.	Sophomore	London
Batch, Richard M.	M. E.	Senior	Toledo
Bauer, Charles August	M. E.	Freshman	Springfield
Bauer, Paul	M. E.	Senior	Columbus
Bayley, Berry G.	Chem.	Sophomore	Riverside, Cal.
Beach, Donald D.	M. E.	Freshman	Ottawa
Beals, Kenneth Joseph	Chem.	Freshman	Miamisburg
Beard, Harlan Emerson	E. E.	Freshman	Mansfield
Beard, Lowell Fulton	E. E.	Freshman	Mansfield
Beard, Ralph D., S. S.	C. E.	Sophomore	Bradford
Beck, Norman	M. E.	Junior	Toledo
Becker, Henry A.	E. E.	Freshman	Columbus
Becker, Martin G.	Cer.	Special	Brookhaven, Miss.
Beedle, Arthur Kyle, S. S.	M. E.	Sophomore	Troy
Beeghly, William	C. E.	Senior	Dayton
Bell, Ivan G.	C. E.	Sophomore	Springfield
Bell, Rodney A.	Chem.	Junior	Ashley
Bender, Donald Gordon	E. E.	Freshman	Cleveland
Bender, Eric John	M. E.	Freshman	Cleveland
Bender, Harold Jay	E. E.	Freshman	Cleveland
Benes, Milton George	Chem.	Freshman	Cleveland
Bennett, Harold Albert	Chem.	Freshman	Marengo
Bennett, Lawrence B., S. S.	E. M.	Junior	Youngstown
Benson, Alfred David	Gen. Engr.	Freshman	Norwalk
Bentzon, Carlos D., S. S.	E. E.	Sophomore	Lima, Peru, S. A.
Bernhard, Lester Sauer	E. E.	Freshman	Dayton
Berthold, Arthur V., S. S.	M. E.	Sophomore	Van Wert
Beverly, Edward	Met.	Freshman	Columbus
Bevier, Bradford V.	E. E.	Sophomore	Columbus
Bewley, Vernon S.	C. E.	Sophomore	Somerton
Beynon, Nathan Thomas	Chem.	Freshman	Columbus
Bickel, Maurice Von	Chem.	Freshman	Greenville
Bierly, George Michael, S. S.	Chem.	Sophomore	Columbus
Bierly, Leland C.	Met.	Senior	Bowling Green
Bigony, Paul E.	M. E.	Junior	Hinton, W. Va.
Birkmeyer, Paul J., S. S.	E. E.	Sophomore	Coldwater
Bischoff, John Henry	M. E.	Freshman	New Carlisle
Bischoff, Robert	C. E.	Sophomore	New Carlisle
Bischoff, Wilbur George	Met.	Freshman	Canton
Bishop, Benjamin John, S. S.	M. E.	Sophomore	Middletown
Bishop, Roydon Earl	Arch. Engr.	Freshman	Dayton
Black, Gerald	Arch. Engr.	Sophomore	Mineral City
Blair, William J.	M. E.	Senior	Hamilton

Name	*Course*	*Rank*	*Home Address*
Blanchard, Curtis R.	Chem.	Freshman	Columbus
Bland, George D. E.	Chem.	Sophomore	Marion
Bliss, Harry William, S. S.	M. E.	Junior	Butler, Pa.
Bloch, Milton Edwin	M. E.	Freshman	Cleveland
Blumenthal, Benjamin, S. S.	Chem.	Junior	Hamilton
Boeshar, Zelma	Arch. Engr.	Junior	Columbus
Bogardus, Claude	M. E.	Sophomore	Warsaw, Ky.
Boger, Clair	Gen. Engr.	Freshman	Canton
Bogert, Lawrence Edward	Chem.	Sophomore	Sandusky
Boggs, Lee Fenton, S. S.	C. E.	Sophomore	Covington
Bohlender, William E.	M. E.	Senior	Dayton
Bohling, Roland A.	Arch. Engr.	Sophomore	Danbury
Boland, William F.	M. E.	Junior	Columbus
Boldt, Paul Henry	E. E.	Freshman	Canton
Boller, Ralph Thompson, S. S.	M. E.	Sophomore	Columbus
Bollinger, Calvin John	E. E.	Freshman	Canton
Bond, M. Eugene	E. E.	Freshman	Chittenango, N. Y.
Bonham, Claude	E. E.	Freshman	Sunbury
Bonner, Harry	E. E.	Freshman	Galena
Booker, Homer Newton	M. E.	Freshman	Greenville
Bookerman, George Earl	C. E.	Sophomore	Sandusky
Bookwalter, Floyd Franklin	E. E.	Freshman	Mansfield
Booth, George	E. E.	Freshman	Ironton
Borror, Merrill Keith	M. E.	Freshman	Worthington
Bosch, John Paul	M. E.	Freshman	Terre Haute, Ind.
Boster, Harold	M. E.	Freshman	Columbus
Bosworth, Frederic	E. E.	Senior	Cleveland
Boughton, Donald Spencer	M. E.	Freshman	Akron
Bower, Byron Frank, S. S.	M. E.	Junior	Columbus
Bower, John	Chem.	Freshman	Zanesville
Bowser, Harry Morris	M. E.	Freshman	Gibsonburg
Bowersox, Clair R.	E. E.	Senior	Rawson
Boyer, Ralph	E. E.	Sophomore	Sidney
Boykin, Robert D.	Arch. Engr.	Junior	Middletown
Bracy, Marion Eunice	Arch. Engr.	Freshman	Berea
Bradel, Sigmund Francis	Chem.	Sophomore	Chicago, Ill.
Bradfield, Paul E.	M. E.	Special	Cleveland
Brailovsky, Samuel	E. E.	Sophomore	Santa Fe, A. R.
Braley, George Lindley	M. E.	Freshman	Springfield
Braun, Clarence J.	M. E.	Junior	Grove City
Breck, Graham K.	E. E.	Sophomore	Brecksville
Breeze, Paul D.	E. E.	Senior	Columbus
Breidenbach, William F.	Arch. Engr.	Junior	Dayton
Breithaupt, Ervin M., S. S.	M. E.	Junior	Columbus
Breneman, Paul V.	C. E.	Sophomore	Smithville
Brenneman, Sunny Christian	Chem.	Freshman	Xenia
Brentlinger, Herbert	C. E.	Junior	Dayton
Briggs, George J.	Chem.	Sophomore	Columbus

Name	*Course*	*Rank*	*Home Address*
Bright, Earl Eugene	M. E.	Junior	Columbus
Brintlinger, Mahlon K.	Met.	Freshman	Columbus
Brixner, Frederick W.	E. E.	Sophomore	Germantown
Brody, Louis	E. E.	Sophomore	Columbus
Bronson, Joseph C.	C. E.	Sophomore	Columbus
Brooks, Donald B., S. S.	Chem.	Senior	Columbus
Brooks, Hugh M.	Arch. Engr.	Senior	Zanesville
Brown, Emerson Innis, S. S.	E. M.	Sophomore	Columbus
Brown, D. Grant	C. E.	Senior	Dayton
Brown, Frank Howard	C. E.	Senior	Hebron
Brown, Jacque Lynne, S. S.	Met.	Sophomore	Hamilton
Brown, Roy Lee	E. E.	Junior	Hamler
Brown, Valdona Manford, S. S.	E. E.	Sophomore	Columbus
Brown, Walter White	M. E.	Freshman	Hebron
Brown, Weston A.	E. E.	Junior	Columbus
Bruce, Yancey Jones	Chem.	Sophomore	Pittsburgh, Pa.
Brush, George D.	C. E.	Senior	Columbus
Bryan, Harold Hiatt, S. S.	E. E.	Sophomore	Wilmington
Buch, John Willard	E. M.	Sophomore	Massillon
Buchanan, Joseph T., S. S.	M. E.	Sophomore	Hillsboro
Bucher, Clarence Dean	M. E.	Sophomore	Columbus
Budke, Ernest	Arch. Engr.	Special	Springfield
Buehner, Karl F.	Chem.	Sophomore	Miamisburg
Bugbee, Clarence Z.	E. M.	Sophomore	Ashtabula
Buhl, Charles Martin A., S. S.	M. E.	Sophomore	Chillicothe
Bulfor, George E.	Arch. Engr.	Senior	Columbus
Bull, Clayton C.	C. E.	Junior	Columbus
Burckel, Christian E.	C. E.	Junior	Cleveland
Burke, Harry Guy	E. E.	Sophomore	Waynesfield
Burkhalter, Edward	Cer.	Freshman	Nashville, Ind.
Burnham, Harold T.	M. E.	Sophomore	Medina
Bush, Rauth W., S. S.			Sidney
Businger, Roger T., S. S.	M. E.	Senior	Springfield
Butler, Philamon Delano	C. E.	Sophomore	Columbus
Butts, Durian C.	Chem.	Sophomore	Sandusky
Byers, Harry T.	E. E.	Freshman	Franklin
Byrne, Robert William	M. E.	Junior	Indianapolis, Ind.
Byrns, Robert Winn	C. E.	Senior	Columbus
Byrum, George P.	E. E.	Freshman	Union City, Ind.
Cain, Harold C.	Chem.	Freshman	Newark
Caldwell, Eugene L.	E. E.	Sophomore	Huntington, W. Va.
Calvin, Glenn Edward, S. S.	M. E.	Junior	Columbiana
Cameron, Wheelock	E. M.	Sophomore	Chagrin Falls
Candell, Earl	E. E.	Senior	Columbus
Caris, Vaughn B.	C. E.	Senior	Defiance
Carlson, Charles Leland, S. S.	M. E.	Junior	Cleveland
Carpenter, William E., S. S.	Arch. Engr.	Sophomore	Columbus

Name	*Course*	*Rank*	*Home Address*
Carrell, Harry	Chem.	Special	Roseville
Carruthers, John	Cer.	Senior	Denver, Colo.
Carter, Rolla N., S. S.	E. E.	Sophomore	Kyle
Carver, George Leonard, S. S.	E. E.	Sophomore	Columbus
Case, Chester H.	Chem.	Senior	Jefferson
Cassaday, William Ross	E. M.	Sophomore	Alliance
Cattell, Harold Adrian	C. E.	Sophomore	Willoughby
Cavileer, Alfred, Jr.	Gen. Engr.	Freshman	Springfield
Chan, James Yuen	E. M.	Senior	Canton, China
Chancellor, Isabel Beecher	Arch. Engr.	Freshman	Wooster
Chandler, Alfred W., S. S.	M. E.	Senior	Cleveland
Cherry, Bayard	M. E.	Freshman	McArthur
Cherry, James B.	E. E.	Sophomore	Columbus
Chidley, Joseph Earl	M. E.	Freshman	Cleveland
Chu, Yu Chien, S. S.	Gen. Engr.	Junior	Columbus
Church, Joseph D.	M. E.	Sophomore	Brinkhaven
Church, Mary Lucile	Arch. Engr.	Senior	Columbus
Cissna, Lewis John	E. E.	Sophomore	Dayton
Claire, Guy King	M. E.	Special	Springfield
Clark, Charles C.	Chem.	Freshman	Columbus
Clark, Earl Kirkwood	E. E.	Junior	Dayton
Clark, George Dewey, S. S.	E. E.	Senior	Marietta
Clark, James A.	C. E.	Freshman	Warsaw
Clark, Millard Jay	E. M.	Sophomore	Bradley
Clark, William	E. M.	Junior	Springfield
Class, Granville	M. E.	Freshman	Dayton
Clawson, Clinton Dudley	E. M.	Freshman	Hamilton
Cleaveland, Dean McDill, S. S.	Chem.	Junior	Columbus
Clemens, Aldis Rolstn	Gen. Engr.	Freshman	Crestline
Clendenen, Harold James	M. E.	Freshman	Roanoke, Va.
Clotts, Ralph E.	C. E.	Freshman	Shepard
Clouse, Orlo Ervin	E. E.	Freshman	Lodi
Coady, Martin P.	Arch. Engr.	Special	Columbus
Cobb, Carroll J.	M. E.	Junior	Toledo
Cobb, Harold Edward	M. E.	Sophomore	Columbus
Cockerill, Chester Adams	E. E.	Freshman	Greenfield
Coffman, William Merle	M. E.	Sophomore	Columbus
Cohan, Joseph	Gen. Engr.	Special	Columbus
Cole, John Strickler	M. E.	Freshman	Columbus
Collier, James R.	Met.	Junior	Lakewood
Collins, Harold George	C. E.	Junior	Wauseon
Colvin, Roy Edwin, S. S.	E. E.	Sophomore	Newcomerstown
Combs, Oliver Bert	E. E.	Sophomore	Cleveland
Comly, James Monroe	E. E.	Freshman	Columbus
Condon, Arnold	Chem.	Freshman	Brinkhaven
Conger, Lawrence Marlowe	M. E.	Freshman	Cardington
Conklin, John Roscoe	Met.	Freshman	Bucyrus
Conrad, Albert Godfrey	E. E.	Sophomore	Norwalk

Name	*Course*	*Rank*	*Home Address*
Cook, Joseph Wilmot	M. E.	Freshman	Basil
Cook, William Philip	M. E.	Freshman	Lakewood
Cooke, Horace Brooks, S. S.	Chem.	Junior	Columbus
Cool, Calvin H., S. S.	Arch. Engr.	Junior	Dayton
Cooper, Augustus Philip	Chem.	Freshman	Aberdeen
Cooper, Charles Dolman, S. S.	M. E.	Sophomore	Cambridge
Copenhefer, John B.	E. E.	Senior	Osborn
Corbin, Cecil E.	Gen. Engr.	Senior	Columbus
Cornell, Clark U.	M. E.	Sophomore	Westerville
Coronado, Charles, S. S.	E. E.	Sophomore	Piura, Peru
Corwin, Albert G.	Chem.	Junior	Lebanon
Corwin, Emmett Lawrence	Gen. Engr.	Freshman	Columbus
Cotner, Herman F.	C. E.	Sophomore	Elida
Cottingham, Charles Isbell	Gen. Engr.	Freshman	Columbus
Coughlin, Denny Joseph	E. E.	Freshman	Columbus
Cover, Klahr Alfred	Chem.	Junior	Cortland
Cox, Lester David	E. E.	Freshman	Pittsville, Pa.
Crabtree, Thomas Gillun	E. E.	Freshman	Portsmouth
Craig, Lawrence	C. E.	Special	Mt. Vernon
Craig, Thomas Leonard, S. S.	E. E.	Sophomore	Portsmouth
Cranford, Harold Langell	E. E.	Freshman	Columbus
Crawford, Leslie A., S. S.	E. E.	Sophomore	Cleveland
Creager, Hubert Keith	Arch. Engr.	Junior	West Alexandria
Creamer, Charles Dell	E. E.	Junior	Washington C. H.
Creamer, Sylvester B.	C. E.	Senior	Columbus
Crise, George Washington	E. E.	Sophomore	Buckeye City
Criswell, Richard Ausbrook	M. E.	Freshman	Columbus
Criswell, Robert Leroy	M. E.	Freshman	Columbus
Crocker, William Rodney	E. E.	Freshman	Kinsman
Croft, Daniel Robert	M. E.	Freshman	Elkton
Crooks, Harold Stone	Gen. Engr.	Sophomore	Marietta
Crooks, Helen	Chem.	Junior	Marietta
Cross, Charles Hindman	E. E.	Junior	Macon
Cross, Phillip	E. E.	Senior	Springfield
Crossin, Paul John	Met.	Sophomore	Columbus
Crown, Walter J., S. S.			Cleveland
Crumley, George Daniel	Arch. Engr.	Freshman	Mt. Vernon
Cummens, Wiley Abel	M. E.	Sophomore	Wilmington
Cunliffe, Edward Albert	E. E.	Freshman	Portsmouth
Cupples, Homer L.	Chem.	Senior	Massillon
Curran, George Perry	Gen. Engr.	Junior	Corning
Curran, Hugh	Cer.	Sophomore	Bakersfield, Cal.
Curran, William E.	Arch. Engr.	Special	Columbus
Curry, Earl R., S. S.	Cer.	Junior	Willoughby
Curtin, Leo	Gen. Engr.	Special	Columbus
Curtis, Clifford W., S. S.			Columbus
Curtis, Richard Cooper	Gen. Engr.	Freshman	Baltimore, Md.
Daniels, Louis	E. M.	Sophomore	New York City

Name	*Course*	*Rank*	*Home Address*
Darling, Walter Scott	E. E.	Freshman	Lancaster
Davidson, Francis Houser	C. E.	Freshman	Marion
Davidson, Glen Morgan	Chem.	Sophomore	Columbus
Davidson, Max	E. E.	Freshman	Southpoint
Davies, Harold M.	Chem.	Junior	Ilion, N. Y.
Davies, Joseph Herbert	Gen. Engr.	Freshman	Newark
Davis, Lloyd M.	Arch. Engr.	Freshman	Springfield
Davis, Thomas	Arch. Engr.	Sophomore	Warren
Davis, Walter L.	C. E.	Sophomore	Hartville
Dawson, Eugene F.	M. E.	Senior	Columbus
Deam, Arthur	Arch. Engr.	Senior	Springfield
Deam, Charles Leroy	C. E.	Senior	Springfield
Dean, Dale Wright	E. E.	Senior	Columbus
Defenbaugh, Harold	Gen. Engr.	Freshman	Laurelville
DeLong, Darrol	E. E.	Sophomore	Kingston
DeLong, Hampton George	M. E.	Freshman	Urbana
DeLong, Hawley Reeves	Arch. Engr.	Freshman	Cuyahoga Falls
Demelto, Vincent M.	Gen. Engr.	Junior	Cleveland
DeMoraes, Henrique	M. E.	Senior	Pernambuco, Brazil
DePue, John R.	M. E.	Sophomore	Columbus
DePuy, John S.	C. E.	Sophomore	Bexley
Derivan, John E.	E. E.	Sophomore	New Vienna
DeRoche, Daryl Rowland	E. E.	Freshman	Columbus
Derringer, Dan	E. E.	Senior	Columbus
Dersch, Harry James	E. E.	Freshman	Columbus
Devaney, Paul Harding	M. E.	Sophomore	Columbus
DeVol, Arthur	Chem.	Sophomore	Zanesville
DeWeese, Jean Vetler, S. S.			Delphos
Dickey, Albert W.	E. E.	Sophomore	Bloomingburg
Dickey, Granville Strong	M. E.	Freshman	Columbus
Dickinson, John F.	E. E.	Sophomore	Ashtabula
Dickson, John B.	E. E.	Junior	Marysville, Mich.
Dickson, Lester L.	C. E.	Junior	Lowellville
Dill, Harold G., S. S.	C. E.	Junior	Columbus
Dillon, Ralph M.	Gen. Engr.	Sophomore	Columbus
Dingy, Herschel	M. E.	Junior	McConnelsville
Dipman, Paul E.	E. E.	Sophomore	Toledo
Dittenhaver, Carleton Burnett	C. E.	Freshman	Ashtabula
Dixon, Tod Galloway	Chem.	Junior	Columbus
Dodds, Edward	M. E.	Sophomore	Niagara Falls, N. Y.
Doe, Richard O.	E. M.	Freshman	Columbus
Donham, Ralph T., S. S.	Chem.	Sophomore	Columbus
Donnerwirth, Arthur L., S. S.	Cer.	Junior	Bucyrus
Dorn, William Henry	M. E.	Freshman	Columbus
Dornbirer, Wayne M.	E. E.	Junior	Columbus
Dougherty, Edward W., S. S.	M. E.	Junior	Woodsfield
Doutt, Sterling Thomas	M. E.	Junior	Salem

Name	*Course*	*Rank*	*Home Address*
Dovalovsky, Charles	M. E.	Sophomore	Cleveland
Dowler, John W.	C. E.	Sophomore	Columbus
Downes, George Q., Jr.	M. E.	Sophomore	Chester, Pa.
Downs, William W., S. S.	E. E.	Sophomore	Columbus
Driver, Charles Willard	C. E.	Freshman	Huntington, W. Va.
Drummond, Folsom	Chem.	Freshman	Hanging Rock
Dudley, John V., S. S.	Chem.	Sophomore	Wheeling, W. Va.
Duduit, Oakes C.	C. E.	Senior	Portsmouth
Dumbauld, Kiser E.	C. E.	Sophomore	Uhrichsville
Dunbar, George Lansford	E. E.	Freshman	Chillicothe
Duncan, William Tell	E. E.	Freshman	Dayton
Dunn, Eagleton F., S. S.			Columbus
Durstine, John Elliott	E. E.	Freshman	Cleveland
Eagle, Curtis	Chem.	Junior	Miamisburg
Earhart, Orin Virgil	E. E.	Junior	Columbus
Ebright, Harry Emmet	Cer.	Junior	Columbus
Eckert, John Augusta, S. S.	E. E.	Special	Columbus
Eckstein, Milton E.	Cer.	Sophomore	Cleveland
Edgar, Raleigh Maine	E. M.	Junior	Athens
Edwards, Arthur W., S. S.			Columbus
Edwards, Francis Henry	M. E.	Freshman	Springfield
Edwards, Paul G., S. S.			Hillsboro
Edwards, Shelby	Gen. Engr.	Junior	Columbus
Eggert, Efflo E.	Arch. Engr.	Sophomore	Mansfield
Egry, Russel Paul	E. E.	Freshman	Hamilton
Eichorn, Albert	Chem.	Freshman	Cleveland
Ellerbeck, John Tuttle	Gen. Engr.	Sophomore	Salt Lake City, Utah
Ellis, Roy Donald	Chem.	Freshman	Columbus
Emch, Ronald	E. E.	Junior	Toledo
Emerman, David Isaac	M. E.	Freshman	Bellaire
Emerson, John Russell, S. S.	M. E.	Sophomore	Columbus
Emmitt, Robert Russell	Chem.	Sophomore	Columbus
Emmons, Corwin J.	E. E.	Freshman	Sidney
Emrick, Lamar Bertram	Gen. Engr.	Freshman	Germantown
Engler, Walter	M. E.	Senior	Findlay
Eppley, Ivan C., S. S.	E. E.	Special	Bucyrus
Eppley, John Elvin	Met.	Junior	Bucyrus
Erb, Elias Hathaway	E. E.	Freshman	Milford Center
Essman, Charles	C. E.	Junior	Columbus
Evans, Bernard B.	M. E.	Sophomore	Columbus
Evans, Creamus, S. S.	Gen. Engr.	Senior	Columbus
Evans, Ernest Linn	C. E.	Senior	Youngstown
Evans, Gordon E.	C. E.	Junior	Gahanna
Ewalt, Roy O.	M. E.	Freshman	Tallmadge
Eyler, Raymer Delmar, S. S.	E. E.	Senior	Columbus
Fallon, Ralph S.	C. E.	Senior	Columbus
Falter, Oscar	M. E.	Junior	Columbus

Name	*Course*	*Rank*	*Home Address*
Fast, Harold Crawford	C. E.	Freshman	Nova
Fawcett, Russell Elmer	M. E.	Sophomore	Salem
Feicht, Robert N.	M. E.	Junior	Dayton
Ferguson, Edward Francis	E. E.	Sophomore	Columbus
Ferguson, George M.	C. E.	Sophomore	Hamilton
Ferguson, Oscar D., S. S.	E. E.	Sophomore	Columbus
Ferguson, Ralph H.	Chem.	Sophomore	Jamestown
Fesler, Raymond Thomas	Cer.	Sophomore	Youngstown
Fetterman, Frank Haynes	E. E.	Junior	Strongsville
Few, James Sylvester	C. E.	Freshman	Columbus
Fick, John Edward	Gen. Engr.	Senior	Canton
Fies, John	E. E.	Sophomore	Marion
Finefrock, Thompson P.	M. E.	Freshman	Port Clinton
Finical, Thomas Nelson, S. S.	C. E.	Junior	Cadiz
Finley, Harry Arnold	Gen. Engr.	Freshman	Columbus
Fioritto, Anthony	Arch. Engr.	Junior	Cleveland
Fischer, Ferdinand C., S. S.	Chem.	Junior	Fremont
Fish, Walter Iddings	E. E.	Sophomore	Troy
Fisher, Elmer Joseph	Chem.	Sophomore	Bay Village
Fisher, Frank L., S. S.	M. E.	Junior	Flushing
Fisher, Howard C.	Chem.	Sophomore	Sandusky
Fisher, Sue Humphreys	Arch. Engr.	Freshman	Columbus
Fitzer, Paul O., S. S.	C. E.	Junior	Columbus
Fitzgerald, Malcolm	Chem.	Freshman	Clyde
Fitzgerald, Wilfred Joseph	E. E.	Sophomore	Cleveland
Fitzgibbon, Russell Humke	Chem.	Sophomore	Muncie, Ind.
Fitzpatrick, Harold G.	Arch. Engr.	Sophomore	Cleveland
Flehr, Paul D.	M. E.	Senior	Ironton
Fling, Russell R.	Arch. Engr.	Junior	Hillsboro
Flood, Bernard Francis	Chem.	Senior	Columbus
Flora, Russell Thomas	E. E.	Freshman	Tippecanoe City
Florbes, Lester Noble	E. E.	Freshman	Wellsville
Ford, Fred	Chem.	Senior	Castalia
Ford, Walter Nelson	M. E.	Sophomore	Columbus
Forrest, Clifford Loren	M. E.	Sophomore	Sandusky
Forward, Chauncey, S. S.			Urbana
Forward, Louis D., S. S.	E. E.	Sophomore	Urbana
Foster, George O.	Chem.	Senior	Piqua
Foster, James Homer	C. E.	Junior	Columbus
Foster, John Thomas	C. E.	Freshman	Alliance
Foster, Josiah W.	Gen. Engr.	Freshman	Lewisburg
Foster, Robert Henry King	Chem.	Sophomore	Cleveland
Foster, Russell Hunter	E. M.	Junior	Geneva
Fouts, Walter E.	E. E.	Senior	Zanesville
Fox, Jerome Michael	E. E.	Sophomore	Smithfield
Fox, Richard	E. E.	Freshman	Portsmouth
Fraas, Harry William	C. E.	Freshman	Dayton
Frankenberg, Ralph	E. E.	Senior	Columbus

Name	*Course*	*Rank*	*Home Address*
Frankenberg, Wilbur	M. E.	Sophomore	Columbus
Franklin, Charles G.	C. E.	Freshman	Columbus
Frantz, Syd William Israel	E. M.	Freshman	Springfield
Franz, Walter Edward, S. S.	M. E.	Junior	Pomeroy
Frasch, William Edward, S. S.	C. E.	Junior	Logan
Frazier, Donald Dean	C. E.	Sophomore	Cadiz
Frecka, James Harold	Chem.	Sophomore	Ironton
Frederich, Eitel J.	E. E.	Senior	London
Frederick, Earl Russell	M. E.	Sophomore	Tiffin
Frederick, Paul E., S. S.	M. E.	Junior	Tiffin
Frederick, Russell Charles	E. M.	Sophomore	Johnstown
Freel, Arthur Edward	E. E.	Sophomore	Niles
Friday, Alfred J.	Arch. Engr.	Senior	Worthington
Friedel, Paul William	Chem.	Freshman	Medina
Friedlander, Fred	Chem.	Freshman	Paterson, N. J.
Fritz, Frank Alfred, S. S.	Gen. Engr.	Sophomore	Barberton
Fritz, Omer Carl	C. E.	Freshman	Anna
Fry, Russell H.	Met.	Junior	Apple Creek
Frye, John Henry	M. E.	Freshman	Columbiana
Frye, Sanders, S. S.	C. E.	Senior	Columbus
Fulker, Vivian E.	Arch. Engr.	Freshman	Troy
Fulton, Harold Eggert	E. M.	Sophomore	Dallas, Texas
Gabler, Jacob	M. E.	Sophomore	Dayton
Galigher, Katherine B.	Arch.	Sophomore	Zanesville
Gallin, Nathan Elliott	Arch. Engr.	Senior	Cleveland
Gannon, Robert Russell	M. E.	Sophomore	Irwin
Gardner, Cletus Theo	E. E.	Freshman	Brinkhaven
Gardner, Emmett Green	E. E.	Junior	London
Gardner, Raymond A.	E. E.	Sophomore	Wyoming
Garrett, Russell Miller	E. E.	Freshman	Richmond, Ind.
Garrod, Herbert Henry	E. E.	Sophomore	New Waterford
Garver, Harold Francis	M. E.	Freshman	Lodi
Gatch, Robert Fulton	M. E.	Special	Columbus
Gaumer, Edmund Landis, S. S.	Met.	Sophomore	Columbus
Gaylord, Clair Eugene	E. E.	Freshman	North Collins, N. Y.
Gee, James Wilbur	Arch. Engr.	Freshman	Monongahela, Pa.
Gelder, Ralph Hambleton	Met.	Sophomore	Ashland, Ky.
Genfan, Charles	C. E.	Freshman	Toledo
Geren, Carl Theodore	C. E.	Freshman	Columbus
Gerhard, David H., S. S.	E. E.	Sophomore	Hamilton
Gerhart, Ernest Gavin, Jr.	E. M.	Sophomore	Canton
German, Paul E., S. S.	M. E.	Sophomore	Hopewell
Gibson, Frank Goodwin	Cer.	Sophomore	Columbus
Gibson, Harold Donovan	M. E.	Junior	Columbus
Gidlund, Hilding F.	E. E.	Sophomore	Columbus
Gilberg, Orlando Henry	C. E.	Freshman	New Bremen
Gilkey, William K.	Chem.	Senior	Dayton
Gillespie, James Read	Chem.	Freshman	Hamilton

Name	*Course*	*Rank*	*Home Address*
Ginter, Junior Mack, S. S.	M. E.	Junior	Wooster
Gitlin, Harry B.	E. E.	Freshman	Columbus
Glaeser, Jesse Raymond	E. M.	Freshman	Youngstown
Glass, Russell	C. E.	Freshman	Euclid
Glenn, Howard Lewis, S. S.	E. E.	Sophomore	Columbus
Gluchov, Myer	Arch. Engr.	Sophomore	Cleveland
Godsall, Harrison	Arch. Engr.	Freshman	Columbus
Goff, David Donovan	E. E.	Freshman	Martins Ferry
Goff, James T., S. S.	Chem.	Sophomore	Trinway
Goller, Raymond Dale, S. S.	Arch. Engr.	Sophomore	Bryan
Gonzaley, Agustin	Arch. Engr.	Freshman	Sagna, Cuba
Gotter, Robert James, S. S.	Chem.	Junior	Louisville, Ky.
Graf, Albert Eugene	Arch.	Sophomore	Portsmouth
Granada, Rafael del	C. E.	Freshman	Bolivia, S. A.
Grant, Charles George, S. S.	Arch.	Freshman	Cortland
Grant, Richard	M. E.	Freshman	Springfield
Gravitt, Russell Alvie	E. E.	Special	Dayton
Green, John Wallace	Arch.	Freshman	Thompson
Greene, Frank Edward	C. E.	Sophomore	Columbus
Greer, Carroll I., S. S.	E. E.	Sophomore	Mt. Vernon
Griesheimer, John Wm.	C. E.	Junior	Chillicothe
Griffin, George Allen	E. E.	Sophomore	Cleveland
Griffith, William N., S. S.			Worthington
Griffiths, William Ewart	Met.	Sophomore	Massillon
Groeniger, Edward	C. E.	Freshman	Columbus
Grosjean, Albert Lewis	C. E.	Sophomore	Orrville
Grosvenor, Alvah W., Jr., S. S.	Met.	Sophomore	Sidney
Groves, James Rex	Met.	Junior	McComb
Groves, Merrill Swartz	Chem.	Sophomore	McComb
Gurney, Glenn Doliver, S. S.	Arch. Engr.	Sophomore	Canton
Gurney, Orvid Earl	C. E.	Freshman	Canton
Guy, William Luther	E. M.	Freshman	Nelsonville
Habel, Otto William, S. S.	M. E.	Sophomore	Delta
Haberkost, Noel F. C.	M. E.	Sophomore	Munroe Falls
Hadden, Aldous B.	E. M.	Freshman	Toledo
Hager, L. Z.	Gen. Engr.	Freshman	Williamston, Mich.
Haines, Howard F.	M. E.	Sophomore	Columbus
Hall, Edwin Loy	Chem.	Freshman	Cambridge
Hall, Edwin William	M. E.	Sophomore	Findlay
Hall, Henry Schubert, S. S.	M. E.	Sophomore	Miamisburg
Hall, Walter Baker, S. S.	M. E.	Sophomore	Columbus
Halperin, Moses	Arch.	Senior	Cleveland
Halteman, Alfred	C. E.	Senior	Dayton
Hamilton, Arthur	Chem.	Sophomore	Fresno
Hammond, Cyril Samuel	M. E.	Freshman	New Lexington
Hammond, Cyril Walter	M. E.	Freshman	Columbus
Handley, Ernest Tennyson	Chem.	Sophomore	Columbus

Name	*Course*	*Rank*	*Home Address*
Hanna, Ralph E., S. S.	Cer.	Junior	Columbus
Hannah, Wilbur Alan	E. M.	Freshman	Georgetown
Hansgen, Ralph Aloysius	M. E.	Sophomore	Sciotoville
Harbaugh, Fred Joseph	Gen. Engr.	Junior	Brookland, D. C.
Harmacek, James Roland	C. E.	Sophomore	Cleveland
Harman, Charles Truman	Chem.	Freshman	Columbus
Harper, Willard	C. E.	Freshman	Wellston
Harpster, Clayton	Gen. Engr.	Freshman	Elyria
Harpster, Clyde C.	M. E.	Senior	Rittman
Harrison, Harold C.	Met.	Junior	Columbus
Harrison, Howard W., S. S.	M. E.	Sophomore	Columbus
Harrison, William J., S. S.	Chem.	Sophomore	Columbus
Harry, Laurence Witherspoon	E. E.	Freshman	Columbus
Harsh, Milo Cullen	E. E.	Freshman	Lancaster
Harshberger, Ben Neff	M. E.	Freshman	Tippecanoe City
Harshman, John O., B. S., S. S.	M. E.	Senior	Columbus
Hart, Cecil Hotchkiss	M. E.	Freshman	Williamsfield
Hartenstein, Earl Charles	Chem.	Freshman	Hartwell
Hartenstein, Robert Franklin	E. E.	Sophomore	Columbus
Hartley, Harold H., S. S.	Cer.	Freshman	Columbus
Hartman, Joyce C., S. S.	E. E.	Sophomore	Norwood
Hartsock, Earl S., S. S.			Spring Valley
Hartzell, Herman Lewis	Chem.	Freshman	Miamisburg
Hasselquist, Victor	M. E.	Sophomore	Canton
Hassler, Clarence J.	Chem.	Senior	Cleveland
Hassler, Ralph L.	M. E.	Sophomore	Cleveland
Hast, Adam W., Jr.	M. E.	Junior	Berlin Heights
Hatfield, Arlo Clark	E. M.	Freshman	Fostoria
Hatfield, Donald Jameson	C. E.	Sophomore	Lebanon
Hathaway, Clarence	E. E.	Senior	Attica
Hawkins, Ralph D.	Met.	Sophomore	Canfield
Hawley, Harry Holman	C. E.	Junior	Jefferson
Hayden, Roger	C. E.	Freshman	Columbus
Hayes, Kenneth M.	E. E.	Freshman	Columbus
Haylor, Harold M.	Gen. Engr.	Senior	Emmett, Idaho
Hayner, William John	E. E.	Junior	Cleveland
Hayward, Sheldon Conant	E. E.	Sophomore	Boston, Mass.
Hazelton, Kirk Earl	Arch. Engr.	Freshman	Columbus
Headley, Lewis Miller	M. E.	Sophomore	Columbus
Headapohl, Vernon F.	E. E.	Senior	Wapakoneta
Heald, Robert Franklin	Chem.	Junior	Bryan
Hecker, Carl Ludwig	M. E.	Sophomore	Linden Heights
Heier, John J.	C. E.	Junior	Dayton
Heinz, Laurence	Arch. Engr.	Freshman	Columbus
Heisler, Howard Edward, S. S.	M. E.	Special	Schenectady, N. Y.
Heitkamp, Irvin, S. S.	E. E.	Sophomore	Toledo
Heldenbrand, Carl Henry	M. E.	Freshman	North Canton
Helf, Arthur Richter	E. E.	Freshman	Harrisburg, Pa.

Name	*Course*	*Rank*	*Home Address*
Helwig, Fred Christopher	E. E.	Freshman	Toledo
Hemsteger, Samuel Eugene	Cer.	Sophomore	Middletown
Henderson, Delbert W.	M. E.	Senior	Columbus
Henderson, Evart Linn	E. E.	Freshman	Columbus
Hendrickson, Edgar Carl	Chem.	Sophomore	Dayton
Henry, Fred Bruce, S. S.	M. E.	Junior	Belle Vernon, Pa.
Henry, Robert Preston	C. E.	Freshman	Leipsic
Herbert, Arthur Charles	C. E.	Freshman	Springfield
Herbert, Arthur Russell	M. E.	Sophomore	Carey
Herrick, George Haverfield	E. E.	Sophomore	Uhrichsville
Hesrick, Fereon Lindsey	E. E.	Freshman	Bryan
Heston, William Simeon	M. E.	Freshman	Columbus
Hewetson, Gerald Bruce	C. E.	Freshman	Lancaster
Hewitt, John Cecil	E. M.	Freshman	Columbus
Hibbens, William	C. E.	Freshman	Waverly
Hickman, Robert	E. M.	Sophomore	Nelsonville
Hicks, Carlton McKinley	Chem.	Freshman	Conneaut
Hiester, Ralph Harman	E. E.	Sophomore	Dayton
Higgins, John Frederick	E. E.	Sophomore	Portsmouth
Higgy, Robert Charles	E. E.	Sophomore	Columbus
Hill, Arthur John	C. E.	Senior	Lebanon
Hill, Colven Brice	E. E.	Junior	Plain City
Hindman, Marion King	Arch. Engr.	Junior	Columbus
Hines, Paul Randolph	Chem.	Junior	Akron
Hiss, Carl Andrew	E. M.	Sophomore	Norwalk
Hitz, Joseph Leo	E. E.	Freshman	Cleveland
Hobensack, John Taylor	M. E.	Junior	Columbus
Hoelcher, Walter Raymond	E. E.	Freshman	Columbus
Hoffman, Alvin C., S. S.	Met.	Senior	Chillicothe
Hogan, Raymond Wm., S. S.	M. E.	Special	Cleveland Heights
Holland, Robert Lee	Gen. Engr.	Freshman	Dayton
Hollenbach, Rand P.	Chem.	Senior	Columbus
Holman, George W.	C. E.	Senior	Springfield
Holmes, Oscar Francis P.	C. E.	Freshman	Findlay
Holmstrom, Paul Oscar, S. S.	Chem.	Junior	Ashtabula
Homan, Walter	M. E.	Senior	Lewisburg
Hooper, Wallace Dudley, S. S.	E. E.	Junior	Lima
Hornby, John Dale	E. E.	Freshman	Newark
Horney, Raymond Edward	E. E.	Sophomore	Cedarville
Hothem, Clarence Edward	E. E.	Freshman	Warsaw
Houghn, Marshall	Cer.	Freshman	Columbus
Houk, John Moulton	Chem.	Sophomore	Delaware
Houston, Philip Cornell, S. S.	Chem.	Sophomore	Columbus
Howe, Carl, S. S.			Cleveland
Huffman, Clifton M., S. S.	E. E.	Sophomore	Edison
Hughes, Walter McKimmie	Chem.	Freshman	Zanesville
Huhn, Alexander W.	Arch. Engr.	Sophomore	Columbus
Hull, Glenn Rounds	Chem.	Freshman	Elyria

Name	*Course*	*Rank*	*Home Address*
Hull, Harry Winston	Chem.	Freshman	Indianapolis, Ind.
Hulsman, Richard D.	E. E.	Freshman	Willoughby
Humason, Norman James	Gen. Engr.	Senior	Youngstown
Humphreys, Clark Magly	M. E.	Freshman	Kenton
Hunt, Spencer S.	E. E.	Senior	Barnesville
Hunter, Edgar, S. S.			Jackson
Hunter, Richard Henry	M. E.	Junior	Akron
Hunzicker, Leo Lacey	M. E.	Freshman	Columbus
Hursh, Harold S.	Arch. Engr.	Senior	Mansfield
Hutton, Virgil Clarence	Chem.	Sophomore	Lewisburg
Hyde, Charles Potter	E. E.	Freshman	Bristolville
Hyman, Isadore	E. E.	Freshman	Xenia
Imlay, William Welden	Gen. Engr.	Freshman	Zanesville
Ingersoll, Henry Walter, Jr.	Chem.	Freshman	Elyria
Ink, John Charles	Chem.	Freshman	Akron
Irving, Ellery	E. E.	Senior	Columbus
Isaac, Chester Butler, S. S.	M. E.	Junior	Columbus
Izquierdo, Antonio, B. Sc.	Chem.	Sophomore	Colombia, S. A.
Jack, Andrew Craig	Arch. Engr.	Junior	Cleveland
Jackson, Robert Bruce	E. E.	Freshman	Columbus
Jackson, Stanley Jackson	M. E.	Freshman	Pittsburgh, Pa.
Jacquot, Leo Richard	E. E.	Sophomore	Swanton
Jaeger, Frederick F.	M. E.	Senior	Columbus
James, Donald Sergent	E. E.	Freshman	Youngstown
Jamieson, George Roberts	Arch.	Junior	Dayton
Jaques, Edward Bradley	M. E.	Sophomore	Cleveland
Jarvis, Kenneth Warner	E. E.	Sophomore	Columbus
Jefferson, John Hamilton	C. E.	Sophomore	Bloomingburg
Jennings, Robert Bond	C. E.	Sophomore	Columbus
Jervis, John Morris	M. E.	Junior	Cincinnati
Jochen, Bertram A.	M. E.	Senior	Toledo
Johns, George, Jr., S. S.	E. E.	Sophomore	Quaker City
Johns, Richard Danil	E. E.	Sophomore	Lima
Johnson, Robert Raymond	E. E.	Sophomore	Washington C. H.
Johnson, William Dewey	M. E.	Freshman	Akron
Johnston, James Calvin, S. S.	E. M.	Sophomore	Geneva
Johnston, William Henry	C. E.	Junior	Wellsville
Jones, Andrew Daniel	Gen. Engr.	Freshman	Columbus
Jones, David James	M. E.	Freshman	Martins Ferry
Jones, Harold Dean	M. E.	Sophomore	Brinkhaven
Jones, John Paul	C. E.	Sophomore	Fostoria
Jones, Lawrence Donald, S. S.	C. E.	Sophomore	Columbus
Jones, Raleigh Lane	M. E.	Senior	Canton
Jones, Robert Francis	E. E.	Sophomore	Oberlin
Justus, Harry M., S. S.			Columbus
Kaiser, Ralph E.	M. E.	Junior	Kenton
Kane, Richard Samuel, S. S.	Cer.	Junior	Columbus
Kaplow, Edward Joseph	E. M.	Sophomore	Lorain

Name	*Course*	*Rank*	*Home Address*
Karlsberger, Louis Frank	Arch. Engr.	Sophomore	Columbus
Kaspar, Raymond Hetzel, S. S.	E. E.	Junior	Columbus
Katterheinrich, Emil August	Arch. Engr.	Freshman	New Knoxville
Katz, Herman	E. E.	Freshman	Columbus
Kautz, Karl Marx	Chem.	Sophomore	Columbus
Kay, Webster B.	Chem.	Junior	Spencerville
Keen, Glover Thomas	E. E.	Senior	Cincinnati
Keener, Theodore Arnold	C. E.	Sophomore	Dover
Keep, Otto Abner	E. E.	Freshman	Dorset
Keever, Humphrey	E. E.	Sophomore	Belleville, W. Va.
Kehr, Raymond Witmer, S. S.	C. E.	Junior	Knoxville, Tenn.
Keller, Henry Wallace, S. S.	E. E.	Sophomore	Columbus
Keller, Joseph E.	M. E.	Senior	Hamilton
Keller, Robert Lester	C. E.	Junior	Cleveland
Kelley, Thomas A., S. S.	E. E.	Sophomore	Columbus
Kellogg, Harold Freeman	E. E.	Freshman	Ashland
Kellogg, William McKinley	E. E.	Junior	Canton
Kennedy, Clarence Phillip	E. E.	Senior	Columbus
Kennedy, John F.	Arch. Engr.	Senior	Columbus
Kentner, William Albert	E. E.	Freshman	Orrville
Keplar, Clyde Graybill	Gen. Engr.	Freshman	Columbus
Kerr, James Donald	E. M.	Junior	Martins Ferry
Kessler, Jacob J.	M. E.	Senior	Kessler
Kessler, Paul Henry	E. E.	Special	Columbus
Keyerleber, Ernest Frederick	C. E.	Freshman	Euclid
Killian, Vennard Pier	Arch.	Senior	Wapakoneta
Kilpatrick, John Robert	M. E.	Sophomore	Newark
Kimberly, Emerson	E. E.	Senior	Akron
King, James H., S. S.			Lima
King, Karl Fink	M. E.	Freshman	Defiance
King, Thomas John, S. S.	M. E.	Sophomore	Columbus
Kintner, Robert Chester	Chem.	Junior	Columbus
Kirby, Webster, S. S.	Chem.	Sophomore	Fletcher
Kirkpatrick, Walter Lewis	Chem.	Sophomore	West Lafayette
Kirwen, Maurice S.	E. E.	Sophomore	Helena
Kissling, Lehr Flynn	Chem.	Junior	Kenton
Klaiber, Walter Jacob	Chem.	Junior	Miamisburg
Klenk, John M., S. S.			Sandusky
Klepinger, Walter J.	M. E.	Senior	West Milton
Kline, Raymond Scott	Chem.	Freshman	Mansfield
Klugman, Max Samuel	E. M.	Freshman	Newark, N. J.
Knight, William Henry, Jr.	Chem.	Freshman	East Cleveland
Knowles, Frank Lester, S. S.	M. E.	Junior	South Solon
Koch, Mearl Robert, S. S.	E. E.	Special	Columbus
Koehler, Robert Harold	M. E.	Sophomore	Cleveland
Koelliker, George Francis	Chem.	Freshman	Cleveland
Koffolt, Joseph	Chem.	Freshman	Cleveland

Name	*Course*	*Rank*	*Home Address*
Kohr, Roland M., S. S.	Chem.	Junior	New Philadelphia
Konopa, Jesse Elmer	C. E.	Freshman	Cleveland
Kraner, Hobart M.	Cer.	Senior	Columbus
Krause, Richard Taylor	E. E.	Sophomore	Columbus
Krause, Walter D., S. S.	C. E.	Senior	Columbus
Krieger, Edwin Berger	M. E.	Sophomore	Columbus
Kriger, Frederick S.	C. E.	Sophomore	Corning, N. Y.
Krill, Roscoe Leslie	M. E.	Freshman	Edgerton
Krob, Russell Mertens	Arch. Engr.	Junior	Columbus
Krumm, Wilbur C.	C. E.	Freshman	Canton
Kuechle, Gerhard G. M.	M. E.	Freshman	Marysville
Kuechler, Adolph H., S. S.	Cer.	Sophomore	Columbus
Kuhl, Oscar Adelbert	Met.	Freshman	Lakewood
Kurtz, Ralph W., S. S.	M. E.	Sophomore	Sycamore
Lakin, Herbert Moses	E. E.	Sophomore	Dayton
Lamberger, Edward H.	E. E.	Senior	Dennison
Landin, Clifford Frank	Chem.	Freshman	Lorain
Landis, George Gideon	E. E.	Senior	Worthington
Lang, Robert	E. E.	Special	Dayton
Lanman, Orsie Ervin	E. E.	Sophomore	Tarlton
Lantz, Edwin Ammon	Chem.	Sophomore	Archbold
Lauer, Gerald Lynn	M. E.	Sophomore	Columbus
Laughlin, Carl Dennis	M. E.	Sophomore	Cambridge
LaViers, Harry	M. E.	Sophomore	Paintsville, Ky.
Lawthers, Jesse Lorin	M. E.	Sophomore	Jewett
Lawthers, Stanley Mack	E. E.	Junior	Jewett
Lea, Dudley Laser	M. E.	Freshman	Findlay
Lea, Kenneth Irwin	E. E.	Freshman	Ashley
Leach, Alphus Leo	C. E.	Senior	Mt. Sterling
Lee, Charles Franklin	E. E.	Senior	Newark
Lee, Harry Meredith	M. E.	Senior	Linden Heights
Lee, Sik Yan	Arch. Engr.	Special	Canton, China
Lee, Tick Yenk	Chem.	Sophomore	Canton, China
Leguia, Abraham	M. E.	Sophomore	Chiclago, Peru
Lehman, Milton S.	M. E.	Junior	Portsmouth
Leichner, Leroy George, S. S.	M. E.	Junior	Portsmouth
Leiser, Wilbur Raymond	Chem.	Freshman	Miamisburg
Lemley, Herbert F.	C. E.	Sophomore	East Palestine
Lenk, Orville Frederick	E. E.	Sophomore	New Lebanon
Leonard, William	M. E.	Freshman	Columbus
Letson, Howard E.	Arch.	Senior	Columbus
Levine, Hyman	M. E.	Junior	Cleveland
Lewis, Albert William	E. E.	Freshman	Ashtabula
Lewis, Frederick A.	Arch.	Senior	Tippecanoe City
Lewis, Harold Prince	E. E.	Sophomore	Troy
Lewis, Harold Ralph	E. E.	Junior	Columbus
Lewis, John Foster	C. E.	Freshman	Huntington, W. Va.
Lewis, Paul Edward, S. S.	Chem.	Sophomore	Hamilton

Name	*Course*	*Rank*	*Home Address*
Lewis, Robert Alan	Arch. Engr.	Junior	Columbus
Lezin, Ben	M. E.	Senior	Cleveland
Libben, Walter Frederick	E. E.	Junior	Port Clinton
Lichti, A. McDonald	E. E.	Senior	Urbana
Licklider, Leroy Frank	Met.	Sophomore	Piqua
Liddle, George Duncan, S. S.	M. E.	Sophomore	Youngstown
Liepman, Frederick C.	M. E.	Sophomore	Fort Scott, Kan.
Lightner, Herbert G., S. S.	M. E.	Junior	Cleveland
Linch, William E.	Arch. Engr.	Senior	Steubenville
Lincoln, William C.	E. E.	Freshman	Woodstock
Lindecker, Joseph B.	M. E.	Junior	Toledo
Linxweiler, Carl Jacob	E. E.	Junior	Dayton
Linzell, Harry Keen, S. S.	Chem.	Senior	Columbus
Linzell, Samuel O., B. A.	E. M.	Junior	Columbus
Lippman, Hugh Samuel	Chem.	Freshman	Dayton
Little, George Lawrence	E. E.	Freshman	Columbus
Lloyd, Fay Douglas	E. E.	Junior	Bexley
Locke, Walter Glenn	Chem.	Freshman	Olmsted Falls
Lockett, Charles Longson	C. E.	Sophomore	Springfield
Logsdon, Alfred	Arch. Engr.	Freshman	Danville
Long, James William	E. E.	Sophomore	Chillicothe
Long, Thomas Noble	M. E.	Sophomore	Columbus
Longstreth, Lowell E., S. S.	Gen. Engr.	Junior	Lakewood
Lonsway, William L.	Chem.	Sophomore	Tiffin
Loomis, Robert Olivine	E. E.	Freshman	Columbus
Lopez, Luis V., S. S.			San Isidro, P. I.
Loren, Frank Wigton, S. S.	C. E.	Senior	Columbus
Lorentz, Homer Addison, S. S.	Arch.	Sophomore	Columbus
Lott, Harry Abel	E. E.	Senior	Niles
Lotze, William A.	Chem.	Senior	East Palestine
Lowry, Franklin	C. E.	Freshman	Upper Sandusky
Lowry, Gilbert S.	E. E.	Freshman	Washington, D. C.
Lucas, Venard Middleton	E. E.	Sophomore	Columbus
Lusk, Homer DeWitt	Chem.	Sophomore	Bainbridge
Lyon, George Richard	Chem.	Sophomore	Alliance
Lyon, Sherman B., S. S.	E. E.	Sophomore	Columbus
McAfee, Ernest Macpherson	E. E.	Junior	Columbus
McBain, Harman, S. S.			Toledo
McBerty, Robert Knowles	E. M.	Junior	Mansfield
McCall, Charles Duncan, S. S.	M. E.	Junior	Rochester, N. Y.
McCann, Donald Miles, S. S.	Cer.	Junior	Zanesville
McCarthy, James Joseph	Gen. Engr.	Freshman	Columbus
McCaw, William Byron	M. E.	Sophomore	Dennison
McClarren, Richard	E. E.	Freshman	Delta
McClellan, John Lenty	C. E.	Junior	Springfield
McClure, James Clyde	C. E.	Sophomore	Tippecanoe City
McCollister, Armand McClintock	Chem.	Freshman	Shepard

Name	*Course*	*Rank*	*Home Address*
McCoy, Herbert Virgil	C. E.	Sophomore	Peebles
McCreary, Kenneth Marcellus	Gen. Engr.	Freshman	East Cleveland
McCurran, James	Arch. Engr.	Sophomore	Xenia
McElwee, Robert	E. E.	Sophomore	Westerville
McGinnis, John Marshall	Chem.	Freshman	Toledo
McGinnis, Orris	E. E.	Sophomore	Springfield
McGlade, Hugh Boyd, S. S.	E. E.	Sophomore	Columbus
McGregor, Douglas	M. E.	Freshman	Springfield
McIntosh, Henry Neil	Arch. Engr.	Freshman	Wauseon
McInturff, Paul Kesler	M. E.	Freshman	Rosewood
McKinney, Ralph	C. E.	Senior	East Sparta
McLaughlin, William Hughes	M. E.	Sophomore	Columbus
McMahon, Robert Adoman	Arch.	Junior	Columbus
McMillin, Edward Milton	Arch. Engr.	Freshman	Columbus
McMurchy, Donald Fee	Arch. Engr.	Freshman	New Richmond
McNamee, Frank Augustus, S. S.	E. M.	Sophomore	Columbus
McQuilkin, Vernon Ralph	Arch.	Sophomore	Cleveland
McRoberts, Albert James	Cer.	Senior	Elyria
Macelwane, John Patrick	Arch. Engr.	Junior	Port Clinton
MacInnis, Donald V.	M. E.	Sophomore	Toledo
MacLellan, Norman	C. E.	Freshman	Cleveland
MacNally, Maxwell Falconer S. S.	M. E.	Sophomore	Springfield
MacSpadden, Arnold	M. E.	Freshman	Cleveland
Macy, Harold Wesley, S. S.	E. E.	Sophomore	Union City, Ind.
Macy, William Elwood	C. E.	Junior	West Milton
Maddox, Huerl Hugo	M. E.	Sophomore	Hartford City, Ind.
Maffit, Merle Robert	Arch. Engr.	Sophomore	Columbus
Magee, Walter Varney	M. E.	Junior	Zanesville
Magly, Robert Wood, S. S.	M. E.	Sophomore	Columbus
Magruder, Thomas Malone, B. A.	M. E.	Junior	Columbus
Mahlie, Carl Christian, S. S.	E. M.	Sophomore	Bucyrus
Makeever, Cassius Hayes	C. E.	Freshman	Mt. Gilead
Mallory, Wilhelm Edward	M. E.	Freshman	Bennington, Vt.
Manley, Robert Labe	Gen. Engr.	Freshman	Columbus
Mapel, Lawrence	C. E.	Sophomore	Columbus Grove
March, Clarence Alter, S. S.	Chem.	Senior	Bowling Green
Marek, John Edward	M. E.	Senior	Cleveland
Markel, Lyman Arthur	M. E.	Senior	Columbus
Markey, Ray	E. E.	Freshman	Eaton
Markey, Roscoe Irvin	M. E.	Senior	West Alexandria
Marsh, Carl Douglas	C. E.	Freshman	Galion
Marsh, John Johnson	M. E.	Freshman	West Middletown
Marshall, Alfred Lewis, S. S.	M. E.	Sophomore	Columbus
Marshall, James Edgar, S. S.			Columbus
Marshall, Waldo Sheldon	Arch. Engr.	Special	Columbus

Name	*Course*	*Rank*	*Home Address*
Martin, Boyd Gibson	Arch.	Freshman	East Liverpool
Martin, Elizabeth Easter	Arch.	Freshman	Columbus
Martin, Floyd Marion	E. E.	Junior	Columbus
Martin, Louis Arthur	E. E.	Freshman	Mentor
Martinez, Joaquin Bunagan	M. E.	Freshman	Reina Mercedes, P. I.
Martter, Perry Francis, S. S.	C. E.	Sophomore	Columbus
Marvin, Charles Frederick, Jr.	M. E.	Senior	Washington, D. C.
Masheter, Paul Edward	C. E.	Freshman	Thurston
Massey, Crawford	Cer.	Sophomore	Zanesville
Mathews, Howard Limon	C. E.	Freshman	Centerburg
Mathias, Robert John	M. E.	Freshman	Cheviot
Mattingly, Homer Vincent	M. E.	Sophomore	Newport
Matz, Edmund Louis	C. E.	Sophomore	Woodsfield
Maupin, Harry Edward	Gen. Engr.	Special	Columbus
Mawer, Stanley Wallace	M. E.	Senior	Toledo
Maxwell, Mildred Evelyn	Chem.	Sophomore	Zanesville
May, Paul L.	Chem.	Sophomore	Youngstown
Mayer, Charles Dilman	Cer.	Sophomore	Newark
Mayne, Daniel Ira	Gen. Engr.	Senior	Westerville
Mays, Arthur Byron	E. E.	Sophomore	Findlay
Meara, Joseph Raymond	E. E.	Freshman	Columbus
Meara, Francis Leo, S. S.	E. E.	Sophomore	Columbus
Mebs, Erwin Hayes, S. S.	Met.	Senior	Columbus
Medaris, John Bruce	E. E.	Sophomore	Columbus
Medley, Harold Parks	M. E.	Senior	Flushing
Meeker, David Anderson	M. E.	Sophomore	Greenville
Melick, Nelson McCoy	M. E.	Freshman	Roseville
Melman, Jose	E. E.	Sophomore	Santa Fe, A. R.
Melsheimer, Robert Alfred	E. E.	Sophomore	Chase City, Va.
Melstrom, John Harold	Arch. Engr.	Junior	Cleveland
Merkle, Joseph Dean	E. E.	Freshman	Bainbridge
Merrell, Otho Walter	C. E.	Junior	Toronto
Merriman, Catherine	Arch.	Sophomore	Cleveland
Merritt, Clarence William	Cer.	Sophomore	Columbus
Mesa, Miguel de	M. E.	Freshman	Aguilar, P. I.
Mesloh, Edmund	C. E.	Sophomore	Columbus
Mesloh, Karl Rudolph	E. M.	Sophomore	Columbus
Metters, Thomas Hammond	E. E.	Sophomore	Columbus
Metzger, Clarence, S. S.			Columbus
Metzger, Walter Ernest	E. E.	Junior	Columbus
Meyer, Carleton Leon	Gen. Engr.	Senior	Columbus
Middaugh, Frank Raymond	M. E.	Senior	Dennison
Mill, Alfred Lawrence	C. E.	Freshman	Mt. Vernon
Millan, Leon Bravo	M. E.	Freshman	Tayug, P. I.
Millard, Alfred Stansfield	M. E.	Freshman	Portsmouth
Miller, Atlee Russell	E. E.	Sophomore	Canton
Miller, Carleton Werder	C. E.	Freshman	Columbus

Name	*Course*	*Rank*	*Home Address*
Miller, Charles Addison	C. E.	Senior	Columbus
Miller, George	E. E.	Sophomore	Grove City
Miller, George Raymond	Arch. Engr.	Freshman	Columbus
Miller, Harold Henry	Chem.	Sophomore	Sandusky
Miller, Henry Theron	E. E.	Freshman	Coshocton
Miller, John Harold	M. E.	Sophomore	Alliance
Miller, J. Walter	C. E.	Sophomore	Pataskala
Miller, Neil Boyer	M. E.	Freshman	Canal Winchester
Miller, Robert Vernon	Cer.	Senior	Spencerville
Miller, Wesley Harris	Gen. Engr.	Sophomore	Columbus
Milliken, Frank Hagan	E. E.	Sophomore	Uhrichsville
Mills, DeWitt Talmage, A. B. (Otterbein College)	M. E.	Freshman	Centerburg
Miner, George Henry	C. E.	Sophomore	Patterson, N. Y.
Miner, John	E. E.	Freshman	Columbus
Miranda, Martin Dizon, S. S.	E. E.	Sophomore	Columbus
Mitchell, Charles Edwin, S. S.	M. E.	Sophomore	Spencerville
Mitchell, Desso	C. E.	Sophomore	Kalida
Monegan, Emmet Aldio	E. E.	Senior	Bath
Montano, John, Jr.	E. E.	Sophomore	Union City, Ind.
Montgomery, Glen Butler	Cer.	Sophomore	Columbus
Moon, Howard Leroy	Chem.	Sophomore	Middletown
Moore, Harold Matthew, S. S.	M. E.	Junior	Woodsfield
Moore, Milton Stewart	Arch.	Freshman	Cleveland
Moore, Thomas	C. E.	Senior	Circleville
Moorhead, William Dean	M. E.	Junior	Leipsic
Moorman, Clinton Robert, S. S.			Columbus
Morales, Gustavo	C. E.	Freshman	Cochabamba, Bolivia
Morales, Isaias, Jr.	E. M.	Freshman	Cochabamba, Bolivia
Morgan, George Franklin	Chem.	Freshman	West Lebanon
Morgan, Guy John	Gen. Engr.	Senior	Youngstown
Morgenstern, Ronald Vernon	E. E.	Senior	Tiffin
Morris, Edward Ellsworth	Gen. Engr.	Junior	Columbus
Morris, Frank Rockwell	E. M.	Sophomore	Jodie, W. Va.
Morris, Gerald Emerson	M. E.	Freshman	Fleming
Morris, Ruth Elizabeth	Arch.	Freshman	Columbus
Morris, Victor Ross	Chem.	Junior	New Hampshire
Morrison, William Andrew, S. S.	M. E.	Junior	Chillicothe
Morrow, Nathaniel William, Jr.	E. M.	Freshman	Columbus
Morsey, Edmund Frank	M. E.	Freshman	Minster
Mowl, Ralph Smith	E. E.	Sophomore	Dennison
Moyer, Samuel Paul	M. E.	Sophomore	Youngstown
Mulligan, Gerald Joseph	Gen. Engr.	Senior	Columbus
Mumma, William Cecil	C. E.	Freshman	Springfield
Murdock, Raymond Robert	E. E.	Freshman	Wellsville
Murphy, George Leo	M. E.	Sophomore	Columbus

Name	*Course*	*Rank*	*Home Address*
Murphy, Lawrence Raphael	M. E.	Freshman	Cleveland
Murray, Ernest Leroy, S. S.	Cer.	Junior	Mt. Gilead
Murray, Frank James	C. E.	Freshman	Lorain
Murray, Louis William	E. E.	Freshman	New Paris
Myers, Loran Maurice, S. S.	E. E.	Sophomore	Worthington
Nauts, Robert Boone	C. E.	Sophomore	Toledo
Neeb, Lawrence Sylvanus Charles	E. E.	Freshman	Lindsay
Needels, Robert Turner	C. E.	Freshman	Terre Haute, Ind.
Nelson, Floyd	Chem.	Freshman	Columbus
Neubrander, Stanley Martin	Met.	Sophomore	Hamilton
Newcomet, Walborn Worthington	C. E.	Sophomore	Cleveland
Newdick, Frederic Leigh	M. E.	Freshman	Columbus
Newlun, Benjamin Earnest, S. S.	E. E.	Sophomore	Columbus
Newlun, Ray, S. S.	C. E.	Sophomore	Columbus
Newton, Chauncey Guy	M. E.	Freshman	Columbus
Nichols, Sterling	C. E.	Sophomore	Lorain
Nicholson, Ezra Karlton, S. S.	M. E.	Senior	Lakewood
Nicola, Wellington Green	Arch.	Freshman	Worthington
Nietert, Floyd Frederick	M. E.	Freshman	Dayton
Nisenblitt, Benjamin, S. S.			Cleveland
Niswander, Paul Howell	Chem.	Freshman	Eaton
Noble, James Thompson	E. E.	Freshman	Wheeling, W. Va.
Nodes, John Henry, S. S.	M. E.	Sophomore	Erie, Pa.
Noe, Raymond Jared	Arch. Engr.	Freshman	Westerville
Nofer, Charles Ervin	C. E.	Sophomore	Columbus
Nofer, Herman Frederick	C. E.	Freshman	Columbus
Noland, Luther Carl	C. E.	Sophomore	Columbus
Nonneman, Herbert Samuel	E. E.	Senior	Dayton
Norris, Charles Wayne	Chem.	Sophomore	Newark
Nugent, Walter Stephen	C. E.	Senior	Columbus
Oberst, Clair Rutherford	C. E.	Senior	Fremont
Obert, Russell Melvin	C. E.	Freshman	Columbus
Oborn, Charles William	M. E.	Sophomore	Marion
O'Connor, John Haviland, S. S.	C. E.	Freshman	Columbus
Offenbacher, Charles Donald	E. E.	Freshman	Dayton
Olson, Arthur Alexis	C. E.	Freshman	Elyria
O'Rourke, John Augustine	C. E.	Freshman	Columbus
Orr, Merle Thompson	Arch. Engr.	Junior	Newark
Osaki, Shiji, S. S.	M. E.	Sophomore	Columbus
Osborne, Harold George, S. S.	Chem.	Junior	Mt. Gilead
Osborne, Milton Smith	Arch.	Junior	Zanesville
Osgerichian, Richard Dikran	Chem.	Senior	Philadelphia, Pa.
Oswalt, Elmer Jacob	M. E.	Freshman	Alliance
Ott, Latour Oscar	M. E.	Senior	Columbus
Overman, David Henry	C. E.	Special	Waverly
Overman, William Daniel	Cer.	Freshman	Columbus
Owen, Milton Meredith	E. E.	Freshman	Springfield

Name	*Course*	*Rank*	*Home Address*
Owry, Harry Franklin	M. E.	Senior	Akron
Owston, George Thomas	M. E.	Sophomore	Columbus
Packard, Paul Coleman, S. S.	E. E.	Junior	Columbus
Paden, Thomas	E. E.	Sophomore	Poland
Palmer, Charles Lovett	M. E.	Freshman	Wooster
Panek, Jaroslar	E. E.	Senior	Cleveland
Pang, Chang Yuen	Chem.	Junior	Canton, China
Park, Stewart George	M. E.	Junior	Sigel, Pa.
Park, Virgil Vernon	E. E.	Sophomore	East Akron
Parker, Selson Sennette	M. E.	Senior	Columbus
Parkinson, James Franklin	C. E.	Sophomore	Reynoldsburg
Parrott, Howard Edison	C. E.	Freshman	Columbus
Parry, Isaac Hollis	E. E.	Freshman	Jackson
Pascua, Leoncio Ganibe	C. E.	Freshman	Candon, P. I.
Patterson, Curtis Aschel	C. E.	Freshman	Mt. Pleasant
Patterson, Edward, S. S.			Dayton
Patterson, Harry Rickert	M. E.	Sophomore	Columbus
Patterson, William Harland	Arch. Engr.	Sophomore	Barnesville
Paul, Harold	E. E.	Freshman	Ironton
Penberthy, Walter Lawren	Met.	Freshman	Elyria
Penniman, Francis Fisher	E. E.	Special	Columbus
Peresutti, Luis	M. E.	Freshman	Santa Fe, A. R.
Perfect, Moore	E. E.	Sophomore	Columbus
Perkins, John Macklem	C. E.	Senior	Langhorne, Pa.
Perko, John	C. E.	Special	Cleveland
Perry, Glenn McBride	E. E.	Freshman	Jamestown
Peters, Alvin Henry, S. S.	Chem.	Sophomore	Groveport
Pettis, Charles Emerson	C. E.	Sophomore	Alliance
Pheley, Donal Bruksieker	C. E.	Senior	Perrysburg
Phillips, William Henry	Chem.	Sophomore	New Philadelphia
Piersche, John Noel, Jr., S. S.	Arch. Engr.	Junior	Columbus
Piez, Karl Anton	M. E.	Freshman	Columbus
Poling, Charles Vinnedge	E. E.	Sophomore	Middletown
Pollatsek, Clarence Joseph	Cer.	Freshman	Columbus
Pollock, Francis Austin	E. E.	Freshman	Delphos
Pondy, Louis Ernest	M. E.	Sophomore	Lorain
Poor, William Bunker	M. E.	Freshman	Long Branch, N. J.
Porter, Harry Lincoln, Jr.	E. M.	Junior	Fostoria
Porter, Robert Herd	E. E.	Sophomore	Oakland, Md.
Poss, Peter Christopher	M. E.	Sophomore	Custar
Post, Albert Americo	C. E.	Freshman	Cleveland
Potter, LaVere Merton	E. E.	Freshman	Solon
Powers, Dale Felton	C. E.	Freshman	Ashley
Price, Trenton Odell	M. E.	Junior	Akron
Printz, Andrew Jackson	M. E.	Sophomore	Zanesville
Prinz, Edwin Nagel, S. S.	Chem.	Sophomore	Dayton
Prinz, Robert Bieser, S. S.	C. E.	Junior	Dayton

Name	*Course*	*Rank*	*Home Address*
Prior, Francis Eugene	Chem.	Freshman	Newark
Prior, Granville Graham	M. E.	Sophomore	Columbus
Pugh, Edgar Stinchcomb	C. E.	Sophomore	Columbus
Pumphrey, Fred Homer	E. E.	Senior	Dayton
Purcell, Burnette	Cer.	Junior	Columbus
Putland, George Orville	M. E.	Sophomore	Alliance
Rager, Dean	M. E.	Junior	Groveport
Rahrig, Gilbert Oliver	E. E.	Sophomore	Delphos
Raley, Alan Victor	M. E.	Freshman	Hanoverton
Ralston, Willard	Chem.	Sophomore	Steubenville
Ramage, Forrest Hamilton	Met.	Freshman	Columbiana
Rannells, John Paul	C. E.	Sophomore	Springfield
Rardin, William Clarence	Arch. Engr.	Senior	Columbus
Rataiczak, Francis Ignatius	M. E.	Sophomore	Stryker
Ray, Maurice Arden	E. E.	Freshman	Jackson
Rayburn, Max	E. E.	Freshman	Greenville
Rayburn, Thomas	Arch.	Freshman	Greenville
Raymond, Henry Isaac	Chem.	Sophomore	Fremont
Ream, Frank Henry	M. E.	Freshman	Massillon
Rearden, Robert Alexander	E. E.	Sophomore	Washington C. H.
Rebuck, Ralph Roughten	Chem.	Sophomore	Marietta
Redrup, Arthur Frederick, S. S.	E. E.	Sophomore	Van Wert
Reed, Calvin Francis	E. E.	Freshman	Toledo
Reed, Charles Forrest, S. S.	M. E.	Sophomore	Piqua
Reed, Ralph Darrah	E. E.	Freshman	Columbus
Rees, Clarence Edward	M. E.	Freshman	Cleveland
Reese, Paul Leon	E. E.	Sophomore	Columbus
Reese, Thomas Sargent	Gen. Engr.	Sophomore	Cleveland
Reidenbach, Fred Atlee	C. E.	Senior	Columbus
Reiland, Emil William	M. E.	Freshman	Columbus
Reinhard, Arthur Henry, S. S.	E. E.	Sophomore	Cleveland
Rendlesham, Rollin Henry, S. S.	E. E.	Junior	Cleveland
Renick, Benjamin Franklin	C. E.	Junior	Columbus
Rensel, John Vernon	E. E.	Freshman	Cleveland
Rettig, Harlow William	Gen. Engr.	Freshman	Arlington
Rhoades, Stanley Fay	E. E.	Freshman	Radnor
Richards, Edwin Eugene	E. E.	Sophomore	Sidney
Richardson, James Wright	Gen. Engr.	Special	Havaco, W. Va.
Richmond, Addison Edward	C. E.	Sophomore	Monck's Corner, S. C.
Richmond, Norman Everett	E. E.	Freshman	Cleveland
Rickly, Oscar DeWitt	M. E.	Senior	Columbus
Riddle, Sterling Howard	M. E.	Sophomore	Columbus
Rieger, Nelson Miles	M. E.	Sophomore	Dayton
Rinck, Lawrence Raymond	M. E.	Freshman	West Alexandria
Ritchie, Clarence, S. S.	Chem.	Junior	Cuyahoga Falls
Rittenhouse, Wayne	E. E.	Senior	Columbus
Ritter, Adolph Harry	C. E.	Sophomore	Columbus

Name	*Course*	*Rank*	*Home Address*
Robb, Carroll Dwight	Arch.	Special	Frankfort
Roberts, Louis Allen	Chem.	Sophomore	Huntington, W. Va.
Roberts, Paul Joseph	C. E.	Junior	Cleveland
Robins, Julius	Gen. Engr.	Senior	Columbus
Robins, Roscoe Earl	C. E.	Sophomore	Columbus
Robinson, Charles Cortland	Arch.	Sophomore	Columbus
Robinson, Clarence	M. E.	Junior	Wilmington
Robinson, George Dudley	Chem.	Sophomore	Columbus
Robinson, Harold Coltman	E. E.	Sophomore	Cleveland
Robinson, Harold Walter	C. E.	Freshman	Chagrin Falls
Robinson, Leslie Leland	M. E.	Freshman	Columbus
Robinson, Tyrell Moore	C. E.	Junior	Youngstown
Rockoff, Sidney	C. E.	Junior	Dayton
Rogerson, Brooks Edward	E. E.	Sophomore	Moundsville, W. Va.
Rood, Amos Sherman	C. E.	Sophomore	Garrettsville
Rose, Henry Charles	E. E.	Freshman	Cleveland Heights
Roseberry, Walter Clement	M. E.	Junior	Easton, Pa.
Roshon, Ray Burdette	M. E.	Freshman	Basil
Ross, Charles Raymond	C. E.	Freshman	Columbus
Ross, Marion Francis	Arch. Engr.	Sophomore	Hamilton
Rothenberg, Harold Benadom	Arch. Engr.	Freshman	Dayton
Rousculp, John Allen	C. E.	Sophomore	Lima
Rouse, Norman Jerome	M. E.	Freshman	East Cleveland
Routa, Albert, S. S.	Chem.	Special	Cleveland
Rowley, Philo Mells	E. E.	Freshman	Dorset
Royce, Robert Russel	E. E.	Freshman	LaFontaine, Ind.
Royer, Charles Heenan, S. S.	C. E.	Sophomore	Defiance
Rubenstein, David	Arch. Engr.	Freshman	Chicago, Ill.
Rubrake, Ray Bernard	M. E.	Freshman	Fleming
Ruddicks, William Morrow	C. E.	Junior	Toronto
Ruff, Albert Edward	M. E.	Junior	Lancaster
Ruffner, Arthur Frederick	Chem.	Sophomore	Williamsburg
Ruggles, Samuel Holliday	Gen. Engr.	Sophomore	Columbus
Ruhl, George William	Chem.	Sophomore	Hamilton
Rumer, Jack Andrew, S. S.	Cer.	Junior	Columbus
Runkle, Leverre Paul	E. E.	Freshman	Columbus
Rupp, Edwin Marcus	Cer.	Senior	Middletown
Rush, Philip Elias	E. E.	Sophomore	Columbus
Rush, Samuel Ellis	E. E.	Sophomore	New Straitsville
Russell, Lawrence Neil	Arch.	Freshman	Ashland
Russell, Norman Dyke	E. E.	Senior	Columbus
Russell, Rempel Ambrose	E. E.	Freshman	Columbus
Russell, Webster Ray	M. E.	Freshman	Cleveland
Ryan, Samuel Roderick, S. S.	E. E.	Sophomore	Columbus
Salsinger, Elon John	C. E.	Senior	Springfield

Name	*Course*	*Rank*	*Home Address*
Salvador, Faustino, S. S.	C. E.	Senior	Columbus
Sampson, Winters	Arch.	Freshman	Columbus
Sanders, Karl William	M. E.	Freshman	Lorain
Sands, David	E. E.	Senior	Cleveland
Sands, Harold Sylvester	Arch.	Sophomore	Columbus
Santini, Danilo	E. E.	Sophomore	Santa Fe, A. R.
Santini, Sadi	M. E.	Freshman	Santa Fe, A. R.
Sauder, Harold C.	Chem.	Freshman	Ravenna
Savey, Albert Edgar	E. M.	Junior	Columbus
Sawyer, Robert Thomas	E. E.	Sophomore	Columbus
Sayre, Charles Adams Wilson	Chem.	Freshman	Bridgeport
Schaub, Henry William	M. E.	Sophomore	Tiffin
Scherich, Floyd Tracy	M. E.	Sophomore	West Alexander, Pa.
Scheuneman, George Dewey	C. E.	Senior	Upper Sandusky
Schinke, Carl Henry	Arch.	Sophomore	Dayton
Schlafman, Clifford Jacob	M. E.	Sophomore	Dayton
Schlobohm, Alfred Courdt	C. E.	Senior	Cleveland
Schlobohm, Clarence William	C. E.	Freshman	Cleveland
Schlotterbeck, Seth Steven	C. E.	Freshman	Lewisburg
Schmunk, Louis	Cer.	Sophomore	Pandora
Schneemilch, Herman Doeffing	Arch. Engr.	Sophomore	Columbus
Schneider, George	Gen. Engr.	Senior	Cleveland
Schneider, Harold Peter	M. E.	Junior	Toledo
Schneider, Paul Leonard	M. E.	Senior	Columbus
Schneider, Roy William, S. S.	Chem.	Freshman	Sardis
Schneider, Rudolph Peter	Cer.	Special	West Newton, Pa.
Schnerer, Henry Murray	E. E.	Special	Cleveland
Schoen, Harold Irvin	Arch.	Sophomore	Indianapolis, Ind.
Schooley, John Palmer	Arch. Engr.	Sophomore	Zanesville
Schoppelerei, Ferdinand John	Chem.	Freshman	Columbus
Schrock, Merlin Peter	M. E.	Junior	Trenton
Schulte, Henry John	Chem.	Senior	Hamilton
Schwartz, Charles	M. E.	Senior	Hamilton
Schwenson, Albert	Chem.	Sophomore	Vermilion
Scott, Harlan Coleman	C. E.	Freshman	Troy
Scott, Hoyt Southwick	Gen. Engr.	Senior	North Fairfield
Scott, Otto Wendell, S. S.	M. E.	Sophomore	Zanesville
Seegar, Orville Henry	M. E.	Sophomore	Dayton
Seif, Dale	Chem.	Freshman	Galion
Sellers, George Carey, Jr.	M. E.	Sophomore	Wellston
Seybold, Frederick William	M. E.	Senior	Dayton
Shaffer, Raphael John	C. E.	Sophomore	Bucyrus
Shanely, Grant Theodore	M. E.	Freshman	Pemberton
Sharp, Charles Monroe	C. E.	Freshman	Columbus
Sharp, Edward Blake	C. E.	Senior	Nelsonville
Sharp, John Clarence	M. E.	Sophomore	Cadiz

Name	*Course*	*Rank*	*Home Address*
Sheely, Robert Rogers	E. E.	Junior	Leipsic
Sheldon, Frederick Ross	E. E.	Special	Columbus
Shen, Kao	Chem.	Senior	Peking, China
Shenker, Earl A.	Chem.	Sophomore	Lancaster
Shepard, Paul Maxwell	Gen. Engr.	Freshman	Christiansburg
Sherman, Blake Perry	M. E.	Senior	Orrville
Sherrard, Joe Osmond	E. E.	Junior	Huntington, W. Va
Shidecker, James Theodore	C. E.	Junior	Columbus
Shields, Robert Duncan	E. E.	Freshman	Columbus
Shih, Cheng Yuan	E. M.	Freshman	Batavia, Java
Shoemaker, Edwin A.	Gen. Engr.	Freshman	Columbus
Shook, Thurston	Met.	Senior	Columbus
Shower, Charles Graydon	E. E.	Senior	Etna
Sieg, Adelbert Merriman	C. E.	Freshman	Kenton
Sieverling, Paul Adolph	C. E.	Senior	Springfield
Sigler, Ward Weston, S. S.			Rittman
Sinkford, Jameson Warren	E. E.	Junior	Bluefield, W. Va.
Sites, Raymond Albert	Arch.	Senior	Ashland
Skivington, William	E. E.	Special	Columbus
Slackford, Edward Thomas	M. E.	Sophomore	Sandusky
Slater, Albert Esau	M. E.	Freshman	Murray City
Slemmons, John DeLap	M. E.	Junior	Columbus
Small, John Frank	Arch. Engr.	Freshman	Cleveland
Smith, Allan James	E. E.	Junior	Vancouver, B. C.
Smith, Carl Benner	C. E.	Sophomore	Homeworth
Smith, Carroll Lier	C. E.	Sophomore	St. Paris
Smith, Charles Adelbert, S. S.	Cer.	Sophomore	Columbus
Smith, Earl Humphrey	E. M.	Freshman	Marietta
Smith, Floyd Ellsworth	E. E.	Sophomore	Columbus
Smith, Floyd Frederick, S. S.	E. E.	Sophomore	Sandusky
Smith, Fred C.	Chem.	Sophomore	Malta
Smith, Herbert Douglas	E. M.	Freshman	Youngstown
Smith, Homer Kendall	Gen. Engr.	Junior	West Alexandria
Smith, James Yeoman	E. E.	Senior	New York City
Smith, John Richison	Chem.	Sophomore	West Manchester
Smith, Lucian Benjamin, S. S.	E. E.	Sophomore	Wilmington
Smith, Marjorie Grace	Arch.	Freshman	Bucyrus
Smith, Merritt Hulburd	Arch. Engr.	Junior	East Cleveland
Smith, Morris Reinoehl	Chem.	Freshman	Massillon
Smith, Reynolds Eugene	E. E.	Sophomore	Ravenna
Smithhisler, Joseph Francis	Arch. Engr.	Freshman	Danville
Snyder, Chalmer Donaldson	Gen. Engr.	Junior	Bellaire
Snyder, Curtis Crolius	Met.	Sophomore	Canton
Snyder, George Ralph	Gen. Engr.	Junior	Bellaire
Snyder, George Washington	Arch. Engr.	Sophomore	Carey
Snyder, Karl, S. S.	C. E.	Junior	Benton
Snyder, Mortimer William John	M. E.	Junior	Cleveland

Name	*Course*	*Rank*	*Home Address*
Solomon, Joe Saul	C. E.	Freshman	Columbus
Sower, George Whitney	Gen. Engr.	Junior	Columbus
Spear, Walter Ford, S. S.	Gen. Engr.	Senior	Cleveland
Speer, Paul Stanley	Chem.	Sophomore	Dayton
Spence, Curtis Clinton	M. E.	Freshman	Columbus
Spencer, John	C. E.	Sophomore	Columbus
Spencer, Otto	M. E.	Sophomore	Lebanon
Spohn, Glenn Alta	E. E.	Sophomore	Collins
Squire, Theodore Carlton	E. E.	Freshman	Elyria
Stacey, John Donald, S. S.	M. E.	Freshman	Columbus
Staeuble, Irvin Constantine, S. S.	Chem.	Junior	Dayton
Stahl, Harry Edward	Chem.	Freshman	Dayton
Stallkamp, Ottmer John	Gen. Engr.	Junior	Delphos
St. Andrews, Louis Elmer	Chem.	Senior	Cleveland
Staten, Arthur Thomas	E. E.	Freshman	Cleveland
Staton, Elzie Jerome, S. S.	C. E.	Junior	Middletown
Steck, Elmer Augustus	E. E.	Freshman	Dayton
Steele, Harold Edward	E. E.	Sophomore	Columbus
Steele, John Graham	E. E.	Freshman	Lisbon
Steele, Norman Oliver, S. S.	M. E.	Special	Genoa
Steffan, James Clarence	E. E.	Junior	Dayton
Stephens, Edward William	M. E.	Junior	Columbus
Stephens, James Henry, S. S.			Columbus
Stephens, Charles Weston	M. E.	Senior	Columbus
Stevens, Welby Reed, S. S.	Gen. Engr.	Sophomore	Findlay
Stewart, Charles Keyes	Met.	Freshman	Newton Falls
Stief, Willard	Cer.	Junior	Carey
Stilwell, Rodney Frank	Met.	Sophomore	Barberton
Stinchcomb, Gaylord Roscoe, S. S.	Gen. Engr.	Senior	Fostoria
Stiverson, Russell Elmer, S. S.			Logan
St. John, Elbert Durbin	M. E.	Senior	Jamestown
Stolz, Myles Kenneth	Chem.	Freshman	Columbus
Stone, Bernard Clark	Chem.	Freshman	Columbus
Stone, Cleston Marion, S. S.	E. E.	Sophomore	Columbus
Stone, George Andress	M. E.	Freshman	Columbus
Stone, Harold Alfred	M. E.	Senior	Lorain
Stone, Julius Frederick, Jr., S. S.	Chem.	Sophomore	Columbus
Stout, Olin Byrd	C. E.	Sophomore	Jackson
Straley, Harold Jerome	E. E.	Freshman	Belmore
Streeper, Robert Bissell	Chem.	Sophomore	Columbus
Stritmatter, Ruth Belle	Arch. Engr.	Sophomore	Columbus
Strong, Ralph Leonard	M. E.	Senior	Lakewood
Strub, Robert B.	M. E.	Freshman	Toledo
Stubbins, William Jerome	Cer.	Sophomore	Columbus
Studebaker, Clayton Huddle, S. S.	C. E.	Junior	Dayton
Stull, Francis Oliver	Chem.	Freshman	Fostoria

Name	*Course*	*Rank*	*Home Address*
Suffriti, Cesar	E. E.	Sophomore	Santa Fe, A. R.
Swearingen, Benton Herbert	C. E.	Junior	Okeana
Swigart, Sherman Tait	C. E.	Sophomore	Akron
Swingle, Paul McCartney, S. S.	C. E.	Junior	Columbus
Switzer, Robert Mauck	Arch.	Sophomore	Gallipolis
Swoish, William Raymond	E. E.	Senior	Columbus
Tait, Leonard Gordon, S. S.	Cer.	Sophomore	Columbus
Tarrier, Frederick Aubrey	C. E.	Sophomore	Columbus
Taylor, Albert Loren	E. E.	Sophomore	Columbus
Taylor, Herbert Waedel	C. E.	Senior	Sandusky
Taylor, John Ernest	M. E.	Freshman	Ironton
Taylor, Walter Andrews	Arch. Engr.	Senior	North Canton
Teach, Frank Aldrich	E. E.	Senior	Pleasant Hill
Teach, Max Kenneth	Arch. Engr.	Senior	Columbus
Teach, Van Bauman, S. S.	E. E.	Senior	Columbus
Teichert, Cecil Orrin	Chem.	Senior	Columbus
Telmo, Pedro, S. S.			San Quintin, P. I.
Terry, Charles Roscoe	M. E.	Sophomore	Columbus
Theobald, Dale Henry, S. S.	M. E.	Sophomore	Dayton
Theocharides, Orestes	C. E.	Senior	Columbus
Thomas, David Henry	C. E.	Sophomore	Niles
Thomas, Joseph Edgar, Jr.	Arch. Engr.	Freshman	Marion
Thomas, Robert Vinton	M. E.	Junior	Columbus
Thompson, Charles St. Clair	E. E.	Freshman	Lore City
Thompson, Clifford Earl	Met.	Junior	Canton
Thompson, James Alfred	Chem.	Freshman	Brinkhaven
Thompson, John Neil	E. E.	Sophomore	Lancaster
Thompson, Karl Reese	E. M.	Freshman	Georgetown
Thompson, Vaughn Bernard	M. E.	Freshman	Kenton
Thornberry, Lon Howard	Chem.	Freshman	Barnesville
Thurston, Howard Allen, S. S.	E. E.	Sophomore	Columbus
Tibbetts, Fred Hanson, Jr.	M. E.	Freshman	Columbus
Tilman, Albert James, S. S.	M. E.	Sophomore	LaGro, Ind.
Tittle, Robert Harvey	C. E.	Senior	Springfield
Tolentino, Eulogio Cucio, S. S.	M. E.	Junior	San Isidro, P. I
Tracht, Elva Willis, S. S.	M. E.	Junior	Galion
Tracy, Cornelius John	M. E.	Junior	Columbus
Traut, Conrad William	M. E.	Freshman	Sandusky
Trees, Lester Wayne, S. S.	M. E.	Senior	Milford Center
Tresnicka, John Lawrence	Arch. Engr.	Sophomore	Bedford
Turnbull, Edward Darius	Chem.	Junior	Pomeroy
Turner, John Russell	C. E.	Sophomore	Shepard
Tuttle, George Devillo	E. E.	Freshman	Austinburg
Ulm, Lorin Goodhue	E. E.	Junior	Dayton
Underwood, Howard Randolph	M. E.	Senior	Toledo
Updegraff, Loy Allen	M. E.	Sophomore	Woodsfield
Upper, Francis James	Gen. Engr.	Freshman	Cleveland
Van Dyke, Parker Rex	E. E.	Sophomore	Toronto

Name	*Course*	*Rank*	*Home Address*
Van Meter, Clarence Stockton	C. E.	Sophomore	Columbus
Van Natta, Robert Nagle	M. E.	Freshman	Battle Ground, Ind.
Van Ness, Daniel Earl	M. E.	Freshman	Lebanon
Van Swearingen, Harold D., S. S.	E. E.	Sophomore	Spencerville
Van Voorhis, George Elmer	C. E.	Sophomore	Columbus
Varady, John Carl	M. E.	Sophomore	Alliance
Veitinger, William Harold	E. E.	Sophomore	Crestline
Verde, Manuel	M. E.	Sophomore	San Idlefonso, P. I.
Vick, Walter Benjamin	C. E.	Junior	Alliance
Vieira, Juilo Alves	C. E.	Sophomore	Pelotas, Brazil
Vogelgesang, Lloyd Edward	E. E.	Freshman	Canton
Volk, Frank William	Chem.	Junior	Columbus
Vollmer, Jonathan Robert	E. E.	Sophomore	Columbus
Vollrath, Edward Wise, S. S.	M. E.	Sophomore	Bucyrus
Volzer, Elmer Andrew	E. E.	Freshman	Canton
Wachalec, Chester H., S. S.	M. E.	Junior	Kenton
Wagener, Wilbur George	E. E.	Special	Martins Ferry
Wagner, Carl Walter	M. E.	Freshman	St. Marys
Wagner, Ellsworth Christian	M. E.	Senior	Casper, Wyo.
Wagstaff, Wayne Arthur	E. M.	Freshman	Cambridge
Wakefield, William Ralph	Chem.	Freshman	Vermilion
Walcutt, Eugene Whitford	C. E.	Freshman	Columbus
Walden, Don Ora, S. S.	M. E.	Sophomore	Columbus
Waldrip, Lawrence Harold	E. E.	Senior	Buffalo, N. Y.
Waldron, John, Jr., S. S.	Gen. Engr.	Senior	Youngstown
Walker, Harry Adelbert	M. E.	Sophomore	Akron
Walker, Mary Agnes, S. S.	Arch. Engr.	Sophomore	Columbus
Walker, Thomas Wilkin	M. E.	Sophomore	Hillsboro
Wall, James	Chem.	Freshman	Dayton
Wallace, DeLoss Drake	E. E.	Freshman	Glouster
Wallace, Donald	Gen. Engr.	Junior	New Carlisle
Wallace, Hale	E. E.	Freshman	Donovan, Ill.
Wallin, Nathaniel Charles	C. E.	Sophomore	Ashtabula
Walters, Harold Glick	M. E.	Sophomore	Columbus
Ward, Harley Mandhall	E. E.	Senior	Perrysburg
Ward, Philip Runyan	Chem.	Sophomore	Struthers
Warner, John Howard	E. M.	Sophomore	Medina
Warrick, Robert James, S. S.	C. E.	Junior	Springfield
Wasson, Harold	E. E.	Freshman	Columbus
Waterman, Charles Fred	Chem.	Sophomore	Columbus
Waterman, Wilbur John	M. E.	Sophomore	Springfield
Watson, Harold Edgar	E. E.	Freshman	Solon
Watters, Curtis Raymond	Chem.	Freshman	Mt. Vernon
Wayant, Fred, S. S.	M. E.	Special	Columbus
Weaver, Carl Craig	M. E.	Freshman	Findlay
Weaver, Ralph Emerson	Chem.	Sophomore	Columbus
Weed, John Merrill	C. E.	Junior	Gallipolis

Name	*Course*	*Rank*	*Home Address*
Weeks, Lloyd	C. E.	Freshman	Dayton
Wegner, George Walter	Arch. Engr.	Senior	Lakewood
Weil, Berthold	Gen. Engr.	Sophomore	Cleveland
Weinland, Henry Lester	Chem.	Freshman	McComb
Weinland, Robert Augustus	M. E.	Sophomore	Columbus
Weis, Clifford Albert	Chem.	Freshman	Elmore
Welday, Clarence Donald	E. E.	Freshman	Seville
Weldon, William Hiram	E. E.	Freshman	Elyria
Wensinger, John Francis	Arch.	Sophomore	Ashland
Wensinger, Ralph	Gen. Engr.	Freshman	Ashland
Werner, Reuben	M. E.	Freshman	St. Marys
West, Harrison Turrell	E. E.	Sophomore	Columbus
West, Kenneth, S. S.	E. E.	Junior	Columbus
Westbrook, Gale William	Arch. Engr.	Freshman	Ashley
Westerman, Dana R.	Arch.	Senior	Columbus
Wetherbee, Milton Everett	Gen. Engr.	Sophomore	Columbus
Wetzell, Horace Edward, S. S.	M. E.	Sophomore	Cleveland
Wheaton, Loren Breton, S. S.	E. E.	Sophomore	Columbus
Wheeler, William Gordon	M. E.	Junior	Columbus
Whinnery, Ray Ellwood	Chem.	Junior	Columbus
Whirl, William Henry	Chem.	Sophomore	Lima
White, Edgar Lawrence, S. S.	M. E.	Sophomore	New Waterford
Whitehouse, Frank Edward	Arch. Engr.	Senior	Columbus
Whitesel, Siebert Frederick	M. E.	Senior	Columbus
Whitesell, Buhel Edward	Cer.	Junior	Salina, Pa.
Wickline, Frank	M. E.	Sophomore	Akron
Wike, Reginald Edison	E. E.	Freshman	Springfield
Wild, Clarence Earl	Gen. Engr.	Junior	Akron
Wilder, Thurlow Carter	M. E.	Sophomore	Toledo
Wilhelm, Raymond Leo	C. E.	Freshman	Galloway
Wilke, Harold Everett	E. E.	Freshman	Springfield
Wilkinson, George Hart	Chem.	Junior	Lancaster
Williams, Clement Mortimer	Gen. Engr.	Freshman	Elmore
Williams, Francis Trueman	M. E.	Sophomore	Youngstown
Williams, Howard Samuel	E. E.	Freshman	Columbus
Williams, James Fowler	Arch. Engr.	Sophomore	Columbus
Williams, Joseph Bartlette	M. E.	Freshman	Linworth
Williamson, Robert Blanchard, S. S.	E. E.	Sophomore	Columbus
Willison, Miles Wesley	Chem.	Sophomore	Columbus
Wilson, Frank Ellis	M. E.	Freshman	Norwood
Wilson, James Holton, S. S.	Chem.	Junior	Columbus
Wilson, John Walter	C. E.	Freshman	Nelsonville
Wilson, Samuel Wilmer, S. S.	E. E.	Sophomore	Worthington
Wilson, Theodore Claude	C. E.	Freshman	Columbus
Winbigler, Hobert S.	E. E.	Sophomore	Shelby
Windett, Arthur, S. S.	Gen. Engr.	Junior	Cleveland

Name	*Course*	*Rank*	*Home Address*
Windle, Edward Howell	M. E.	Junior	Washington, D. C.
Winegardner, John Chalmer	E. E.	Special	Waynesfield
Wing, Wallace	Chem.	Junior	Gibsonburg
Wing, William	Arch. Engr.	Freshman	Mechanicsburg
Winney, John Boice, S. S.	M. E.	Sophomore	Columbus
Wise, Arthur Glenn	E. E.	Junior	Springfield
Wise, Elmer Carl, S. S.	E. E.	Sophomore	Bellaire
Wiss, John Edward	Chem.	Senior	St. Marys
Wittman, Merrill, S. S.			Cove
Wolfe, Hugo Loos	C. E.	Freshman	Wheeling, W. Va.
Wolfe, Richard Edward, S. S.	Gen. Engr.	Sophomore	Clyde
Wolfe, Theodore	C. E.	Freshman	Cleveland
Wolford, Walter Andrew	M. E.	Freshman	Coshocton
Wolfrom, Melville Lawrence	Chem.	Freshman	Bellevue
Wood, Paul Luther	Arch.	Sophomore	Marshalltown, Iowa
Wood, Richard Heath	E. E.	Junior	Worthington
Woodbury, Hubert Charles	M. E.	Senior	Toledo
Woodruff, Charles Herschel, S. S.	Arch.	Sophomore	Columbus
Work, Granville	Chem.	Sophomore	Minerva
Worley, Donald Miller	Chem.	Senior	Columbus
Wormser, August	E. M.	Freshman	Laredo, Texas
Worthley, Max	Arch. Engr.	Freshman	Cleveland
Woyame, Charles Francis	M. E.	Sophomore	Toledo
Wrasmann, George	Chem.	Senior	Delphos
Wright, Charles Frederic	E. E.	Freshman	Dayton
Wright, Paul Day, S. S.	M. E.	Sophomore	Coshocton
Wright, Theron H.	Chem.	Sophomore	Worthington
Wuichet, Mark	M. E.	Junior	Dayton
Xander, Cleon	E. E.	Junior	Springfield
Yanger, Ralph Ellwood	M. E.	Freshman	Kenton
Yater, Chester	M. E.	Sophomore	Toledo
Yen, Po Sum	Gen. Engr.	Junior	Berkeley, Cal.
Yingling, Victor N., S. S.	M. E.	Junior	Columbus
Yohe, William Oldfield	M. E.	Freshman	Canton
Yost, Karl	C. E.	Sophomore	Somerset
Yost, Samuel Herman	M. E.	Junior	Columbus
Young, Charles Maynard	Gen. Engr.	Freshman	Columbus
Young, Frank Dewey	M. E.	Sophomore	Toledo
Zahn, Charles Edwin, Jr., S. S.	C. E.	Sophomore	Columbus
Zehm, Robert Charles	Gen. Engr.	Senior	Columbus
Zeigler, George Edward	E. E.	Freshman	Urbana
Zepp, Rudolph	E. E.	Freshman	St. Marys
Ziegfeld, Carl Julius	M. E.	Senior	Columbus
Zimmer, Frederic Moore, S. S.	E. E.	Sophomore	Newcomerstown
Zimmerman Merle	M. E.	Sophomore	Doylestown
Zuckerman Ben	C. E.	Sophomore	Columbus

Name	*Course*	*Rank*	*Home Address*
Zuercher, William Ingrum	C. E.	Freshman	Dayton
Zulandt, George Klemm	E. E.	Freshman	Columbus

COLLEGE OF HOMOEOPATHIC MEDICINE

Name	*Rank*	*Home Address*
Adams, Scharrold McKinley	Junior	Dayton
Aiken, George Russell	Senior	Medeira
Bradish, Jay Durkee	Freshman	Bellevue
Bradley, David John, S. S.	Junior	Painesville
Carter, Morris	Freshman	Waugh, Ala.
Craddock, John T.	Freshman	Wellington
Cravener, Edward Kimmel	Freshman	Indiana, Pa.
Damon, Virgil G.	Senior	Medina
Finney, Nancy E., A. B. (Cedarville College), B. A., B. Sc.	Sophomore	Cedarville
Geter, Howard David, B. S. (Wilberforce University)	Freshman	Dayton
Goldberg, Benjamin	Junior	Columbus
Grove, Paul Dewey	Senior	Urbana
Henshaw, George Russell	Junior	Uniontown, Pa.
Hoffman, Ralph Waldo	Senior	Greenville
Huron, Willis Herbert	Freshman	Tipton, Ind.
Jaglinski, Peter Paul	Senior	Cleveland
Johnson, Estella Lucille, B. A.	Sophomore	Columbus
Koons, Irene Opal	Sophomore	Marietta
Krieger, William Lawrence	Freshman	Baltimore, Md.
Lord, Sydney Newly, B. Sc. (Ontario Agricultural College)	Junior	Columbus
Manor, Wilmer Ray	Senior	Columbus
Martin, Olin Raymond	Sophomore	Columbus
Meck, Florence A.	Sophomore	Dayton
Pettibone, Frank Gay	Senior	North Girard, Pa.
Phillips, Mozelle Whipps, B. Sc.	Sophomore	Columbus
Raine, Forrester	Freshman	Berea, Ky.
Rakestraw, E. Edwin	Junior	Napoleon
Records, Arthur Wilson	Senior	Edinburg, Ind.
Reed, Horace Edwin	Junior	Cincinnati
Reiches, Abraham Samuel	Junior	Cleveland
Reinhart, Harry Louis	Freshman	Columbus
Riche, Frank Vernon	Senior	Dayton
Rowland, Guy Arden	Junior	South Euclid
Shepard, Emerson Paul	Sophomore	Columbus
Stack, Harry George	Junior	Cleveland
Stanford, Addie D.	Junior	Columbus
Turton, Murrel Hodges	Freshman	Lebanon
Wood, Wilford Chauncey	Freshman	Wilmington

COLLEGE OF LAW

Name	*Rank*	*Home Address*
Abbott, Clyde Matthews	Special	Bethel
Abram, Ernest	First	Cleveland
Alexander, Earl Dean, B.A.	First	Sandusky
Allebaugh, Carl Franklin	Second	Wellsville
Allen, John Alban, A.B. (Yale College)	First	Salt Lake City, Utah
Austin, Michael Herschel	First	Akron
Bair, William Zacharias	First	Hanover, Pa.
Baldwin, Rodney Brown, B.A.	Second	Hilliards
Barlow, Alfred Marion	Second	Gallipolis
Barnhart, Robert Paul	First	Columbus
Basinger, Galen Floyd	First	Columbiana
Bayer, Frank Victor	Second	Columbus
Bebout, John William	First	St. Louisville
Beeler, Henry Fowler	Second	Hamilton
Beeman, Matthew Glendale	Third	Columbus
Bothwell, Russell Edwin	Special	Columbus
Bowers, Carey Weldon, B.A.	Third	Columbus
Brackney, Wesley Howe, A.B. (Ohio Wesleyan University)	Second	Delaware
Braunstein, Max	Special	New Castle, Pa.
Brown, Barrett Francis	Special	Warren
Buckenmyer, Edward Peter, B.A.	Second	Swanton
Bugbee, Harry Siering, B.A.	Second	Ashtabula
Campbell, Hubert Thompson	First	Senecaville
Campbell, Kenyon Stafford, B.A.	Second	Columbus
Carran, Nelson Horace	First	Lakewood
Chester, John Jonas, Jr.	Special	Columbus
Clough, George	First	Chillicothe
Cowan, Wilby Stuyvesant	First	Mt. Sterling
Coyle, William Peter	Second	Columbus
Creps, John Adolphus	First	Lima
Cronebaugh, Robert Everett	First	New Philadelphia
Cross, Merrill Cranston	First	Waterford
Cross, Ralph Raeburn, B. A. (Indiana University)	Second	Grove City
Crossland, Clarence Jefferson, B.A.	Second	Zanesville
Dagger, Golden Norman, B.A.	Second	Urbana
Dasch, Harry	First	Akron
Deutsch, Sam	Second	Lorain
DeVictor, John A.	Special	Columbus
DeWitt, James Truxal	Second	Canton
Diehl, Edwin Speicer	Special	Defiance
Dillon, Edmond Whitney	Second	Columbus
Donohoe, James Edward	Second	Witten, S. Dak.
Evans, Edward	First	Dayton
Evans, James Baxter, A.B. (Amherst College)	Second	Columbus

Name	*Rank*	*Home Address*
Farber, Jesse Eugene	Special	Columbus
Fitzmartin, John A.	Special	Cleveland
Fogle, Wayne H.	Second	Columbus
Fox, George Harold, Jr.	Special	Circleville
Frankham, Markley	Second	Columbus
Friedman, William M.	Special	Lorain
Gay, Russell Conwell	First	Columbus
George, Jesse Kirk	Special	Hammondsville
Ginsburg, Leonard Elliott	Second	Cleveland
Godman, Marshall Leonard	First	Columbus
Goldsberry, John Phillip, A. B., A. M. (University of Michigan)	Second	Chillicothe
Greenspun, Abraham	Second	Cleveland
Grossman, Robert John	Special	Mt. Vernon
Hahn, Herbert Grant	Special	Bellefontaine
Hahn, Leo Joseph, A. B., (St. John's University)	First	Toledo
Hahn, Stanton Marshall	Special	Bellefontaine
Harlor, John Clayton, B. A.	Second	Columbus
Harrington, Frank A., A. B. (Miami University)	Second	Bowling Green
Harroun, Robert George	Second	Toledo
Hayden, Earle Fenton	Special	Columbus
Heald, Howard Franklin	Special	Columbus
Henson, Ralph Corwin	First	Mt. Sterling
Hildebrant, Richard Hains	Second	Wilmington
*Hoskins, Allen Hamilton, B. A.	Second	Columbus
Hubbard, William Marshall	Special	Conneaut
Huffman, James W.	Special	Chandlersville
Hunter, Clay Evans, A. B., (Wilberforce University)	First	Yellow Springs
Hunter, Robert Miller, B. A. (Ohio Wesleyan University)	Second	Columbus
Huston, Ernest Homer, B. Sc. (Antioch College)	Third	Yellow Springs
Imhoff, Lawrence	Special	St. Clairsville
James, Roy Keel	Special	Columbus
Johnson, Harold LeMoyne	First	Prospect
Jones, David Everett, B. A.	Second	Columbus
Jones, Eben Hoyt	Third	Columbus
Jones, Howard Morgan	First	Columbus
Kabealo, Samuel	Special	Youngstown
Kantrovitch, Goldie	First	Columbus
Keifer, Horace Steele, B. A. (Williams College)	Second	Springfield
Kime, Harold Lee, B. A.	Second	West Salem
Klein, Lester C.	First	Cleveland

*Died January 5, 1921.

Name	*Rank*	*Home Address*
Kuhn, Harold Edwin, B.A.	Second	Millersburg
Landis, George Elliott	Third	Columbus
Leboff, David Harold	First	Cleveland
Lewis, George Dewey	First	Warren
Lingafelter, Francis Cecil	Special	Columbus
Logsdon, James Ferdinand	Second	Danville
Lortz, Carl William	First	Urbana
McNamar, John Dale	Special	Newark
MacGregor, Lester Scott	Special	Findlay
Maple, Cyril John, B.A.	First	Grafton
Marburger, Ralph Emerson	Special	Columbus
Martin, Granville Harold	First	Columbus
Mikesell, Elbert Lowell	First	Columbus
Miller, Harry James, B.A.	Second	Ashville
Moore, Perry Burt	Special	East Palestine
Morton, Elbert Searls, B.A. (Dartmouth College)	Third	Columbus
Moul, Aubrey Beck, B.A.	Second	Columbus
Nevison, Thomas Oliver	First	Ashtabula
Nye, George Dewey	Second	Waverly
Orr, Walter Albert	Special	Newark
Overholser, Otho Vinson	First	Richwood
Overturf, Wayne Converse, Ph.B., (Denison University)	Third	Newark
Parillo, Raymond James	First	Girard
Parker, Robert Creath	First	Columbus
Patterson, Homer William	Special	Piketon
Paulin, Seth, B.A.	Third	Salem
Peiros, David Aaron, B.A.	Third	Steubenville
Phillips, Morris H.	First	West Park
Pierce, Edwin Branch	Special	Medina
Pierce, John Raymond	Second	Celina
Pontius, Stuart David	Second	Circleville
Porter, William Glover	Third	Coshocton
Powell, Harold Clay, B.A., (Ohio Wesleyan University)	Second	New Lexington
Pretzman, Allen Iredell	Third	Columbus
Putnam, David Wheeler, B.A.	Third	Columbus
Racine, Charles William, B.A.	Second	Piqua
Ralston, Joseph Vivian	Second	Columbus
Reese, Harry Benson	Second	Wellston
Rickman, Walter Edward	First	Cleveland
Roberts, Raymond Henry	Third	Hilliards
Robins, Harry Dexter	Special	Columbus
Roessler, Samuel Johann	First	Columbus
Rowe, Arthur Leroy	First	Coalton
Sarkisian, Mardiros S., B.A. (St. Paul's College)	First	Cilicia, Asia Minor

Name	*Rank*	*Home Address*
Schambs, Marion Paul	Special	Richwood
Secrest, Arthur Hugh	Special	Columbus
Selby, Paul Lambert	Second	Haverhill
Sharp, William McKinley	First	Salineville
Shumaker, Roscoe Webster	First	Union City, Ind.
Simmons, Altha Elmer	Third	East Liverpool
Simpson, Everett Ellsworth, B.A.	Second	St. Clairsville
Slyker, William N.	Second	Huron
Smith, Dudley Franklin	First	Columbus
Smith, Earl Ada	Special	Circleville
Snyder, Alonzo Everett	Second	New Carlisle
Snyder, Marion Edward, Ph.B. (University of Akron)	Second	Akron
Spira, Frank Franklin	Third	Centerburg
Staker, John Allen	Special	Franklin Furnace
Stevens, Kenneth Thomas	Second	Gillespieville
Stewart, Ralph Lentz	First	Marietta
Teeple, John Perry	Second	Akron
Thomas, James Emerson	First	Greenville
Thompson, Preston Earl	Special	Chauncey
Thorley, Arlan R.	First	Canton
Tingley, Edwin Cowan	Special	Columbus
Topper, Joseph Earl	Special	Columbus
Townsend, Edwin Carroll	Special	Columbus
Treffinger, Raymond H.	First	Seville
Van Sickle, William Bland	Special	Columbus
Vogelsang, Fred Clifton, B.A.	Third	New Bremen
Vorys, John Martin	First	Columbus
Wagner, Carl Emerson	Second	New Lexington
Wagner, Emerson Carl	Second	New Lexington
Walter, William Albert	Special	West Park
Ward, Grant Plibern, B.A.	First	Columbus
Weaver, Ralph Ellsworth	First	Sugar Creek
Weinrich, Forest Eugene	Special	Vigo
Weintraub, Charles Louis	Special	Canton
Wilson, Ray	Special	Belington, W. Va.
Winer, Harry Stanton	First	Kenmore
Winget, Leo Middleton	Special	Dayton
Winn, John Wilfred, Jr.	First	Defiance
Wohrley, Wayne Emerson	First	Columbus
Worcester, Allen Herrick	First	Tiffin
Young, Elden Russell, S.S.	Special	Bremen
Younger, Raymond Andrews, B.A.	Second	Celina
Zahn, Max Taylor	Special	Mt. Sterling
Zimmern, Arnold Leopold	First	Dayton

COLLEGE OF MEDICINE

Name	*Rank*	*Home Address*
Adams, Clarence	Senior	Celina
Adams, Luther William	Sophomore	Columbus
Adrain, John William	Sophomore	Belmore
Agnone, Sylvester Louis, S. S.	Junior	Youngstown
Armbrecht, Robert John	Freshman	Wheeling, W. Va.
Ashton, Wilbur Lee, B. Sc.	Senior	Columbus
Athey, Ward McGovern, B. Sc.	Junior	Columbus
Baden, David	Freshman	Cleveland
Baker, Robert Ellsworth	Freshman	Columbus
Banson, Antonio Fuente	Senior	Balango, P. I.
Barber, Knowlton Emmons	Sophomore	Cleveland
Barnes, Paul Raymond, Ph. G.	Freshman	Columbus
Barnett, Nelson Leroy, B. A.	Junior	Verbank, N. Y.
Bateman, Rolland DeVere	Freshman	Zanesville
Bitzer, Mrs. Emilie	Public Health Nursing	Columbus
Boesel, Reuben Jacob, B. A.	Senior	New Bremen
Boger, James Walter	Senior	Columbus
Bown, Jane E.	Public Health Nursing	Columbus
Brandt, Edward Charles	Freshman	New Straitsville
Buck, Maynard Ardeen, S. S.	Sophomore	Lodi
Burkhart, Albert Raymond, B. A.	Junior	Woodsfield
Burkholder, Ord William, B. Pd.	Freshman	Wauseon
Caldwell, Harry Ernest, B. A.	Freshman	Delaware
Calhoon, Jay Walter, B. Sc.	Senior	Byesville
Campbell, Harold Allen	Freshman	Newark
Castleman, Frank Riley	Senior	Union, N. Y.
Cessna, Mary	Public Health Nursing	Columbus
Chalker, Harry Everett	Freshman	Garrettsville
Charlton, Paul Hazlett, B. A.	Senior	Columbus
Clements, Eva Belle	Public Health Nursing	Columbus
Clouse, Joseph Henry, B. Sc.	Senior	Somerset
Coe, Leland George, B. Sc.	Junior	Garrettsville
Cordray, Palmer Lloyd, A. B.	Sophomore	Ashville
Corwin, Robert Flinn	Freshman	Ansonia
Cowan, Joseph Henry, B. Sc.	Junior	Columbus
Crane, Mabel Ensworth Goudge, A. M., Ph. D.	Junior	Columbus
Cutright, Eva Moya Goddin, B. S.	Senior	Elkins, W. Va.
Damschroder, Henry Elmore, S. S.	Sophomore	Elmore
Danenberg, David	Freshman	Steubenville
Davies, Drew Lodwick	Freshman	Columbus
Davis, Harold Warner	Freshman	Rio Grande
Deger, Richard John	Freshman	Dayton
Dolganos, Moses	Freshman	Bayonne, N. J.
Dorsey, Margaret M.	Public Health Nursing	Columbus

Name	*Rank*	*Home Address*
Dougherty Lewis Edwin	Freshman	Greentown
Downey, DeLoise Hubert, B. Sc.	Senior	South Bend, Ind.
Drake, William Francis, B. A.	Junior	Columbus
Draper, Hettie Marvin	Public Health Nursing	Columbus
Drown, Willard Grant	Sophomore	Hanna, Ind.
Egger, Chester George, B. Sc.	Junior	Toledo
Elliott, Carrie Bell	Public Health Nursing	Columbus
Evans, Leland Stanford	Freshman	Columbus
Fee, Charles Hugh, B. A.	Sophomore	Warren
Ferguson, John Wallace	Senior	Ferguson, W. Va.
Fine, Israel Aaron	Freshman	Steubenville
Fishbaugh, Paul Schenck, S. S.	Junior	Mendon
Fitzpatrick, Clarence Carey, S. S.	Sophomore	Wellston
Fleming, Ida Elizabeth, B. Sc.	Senior	Cleveland
Forney, Claudius Langdon	Freshman	Columbus
Garster, Verl Zane, B. Sc.	Senior	West Carrollton
Gelhaus, William John, S. S.	Sophomore	New Weston
Gibson, Merritt M.	Freshman	New Straitsville
Gillespie, Emerson	Sophomore	Lower Salem
Gilmore, Howard Manning, B. A.	Senior	Columbus
Hall, Matilda Ann	Public Health Nursing	Columbus
Hamilton, Walter Harold	Junior	Columbus
Hane, Richard Lincoln	Freshman	Napoleon
Hays, Jesse Myron	Freshman	Columbus
Hiss, John Martin, D. O.	Sophomore	Columbus
Hochwalt, Norman Charles, B. A.	Senior	Dayton
Holzbach, Raymond Thomas	Freshman	Niles
Howell, Albert Kreider	Freshman	Troy
Huffman, Iolas Melitus	Freshman	Chandlersville
Hutchinson, William Blake, Jr., A. B.	Junior	Cleveland
Jasper, Jessie	Sophomore	Hilliards
Jordan, Grace Maurice	Freshman	Columbus
Kantrovitch, Max Philip	Junior	Columbus
Kemp, Kenneth Joseph	Freshman	Columbus
Kiess, Theodore J. C.	Freshman	Defiance
Kinkade, Alice	Public Health Nursing	Columbus
Kloepfer, Jay Clay	Freshman	Columbus
Kruse, Cyrus Ernest	Freshman	Buffalo, N. Y.
Kullman, Mary Amanda	Public Health Nursing	Columbus
Larcomb, John Wright	Freshman	Columbus
Lashley, Oscar Adair	Freshman	Steubenville
Laufersweiler, John William	Freshman	Minster
Lemmon, Robert Mayclim	Freshman	Cadiz
Lewis, Raymond Aloysius, B. A.	Sophomore	Columbus
Lilly, Vernon Scott	Freshman	Circleville
Linder, Maurice Milton, B. Sc.	Junior	Dayton
Little, Robert Parker, S. S.	Sophomore	Columbus
Love, Claude Franklin	Freshman	Athens

Name	*Rank*	*Home Address*
Lutz, Harry, B. Sc.	Senior	Columbus
McCollough, Claude Arnold	Sophomore	Salineville
McCready, Joseph Kerr	Sophomore	Wellsville
Maier, Roe Johnson, B. A.	Senior	Edon
Malone, Raymond Maurice, A. B.	Freshman	Coolville
Marinella, Adolphus, S. S.	Sophomore	Youngstown
Marker, Emlyn Richard	Sophomore	Columbus
Martin, Nelle	Public Health Nursing	Columbus
Maskrey, Frank Reginald, S. S.	Sophomore	Canton
Matthews, Helen	Public Health Nursing	Columbus
Meckstroth, Emil Julius	Freshman	Botkins
Mendelson, Louis Harry, S. S.	Sophomore	Columbus
Meuser, Gordon Frederick, B. Sc.	Junior	Columbus
Miller, Charles Duane, B. Sc.	Senior	Indianapolis, Ind.
Miller, Marcus Clement, B. A.	Senior	Lima
Mischler, Sina Ann	Public Health Nursing	Columbus
Mitchell, Howard Ross	Sophomore	Spencerville
Moczo, Luis Raimundo	Sophomore	San Juan, P. R.
Morgan, Thomas Eccles	Sophomore	Columbus
Mueller, Charles Werner	Freshman	Columbus
Myers, Cyril Edward	Freshman	Bucyrus
Nagel, Frank Norman	Freshman	Toledo
Noble, Ellis Leo, B. A.	Freshman	Mt. Sterling
Offerman, Edith Marie	Senior	Columbus
Owen, Ella Reba	Public Health Nursing	Columbus
Pack, George Thomas, B. Sc.	Junior	Cambridge
Palmer, Paul Whitney, B. A.	Senior	Columbus
Parker, Carey Basil, B. Sc.	Senior	Van Wert
Pecl, James Charles	Junior	Cleveland
Penalosa, Jose Guia, A. B.	Junior	San Pablo, P. I.
Piatt, Louis Meyer	Sophomore	Columbus
Powelson, Harry Clay	Freshman	Etna
Raabe, Elmer Charles	Sophomore	Fort Jennings
Rabold, Nellie	Public Health Nursing	Columbus
Randolph, Walter Watson, B. A.	Sophomore	Columbus
Rauschkolb, John Edward, B. A.	Sophomore	Columbus
Rawers, Arlington Joseph	Freshman	New Bremen
Reichelderfer, Karl Dresbach	Senior	Amanda
Reuter, Carl Henry, B. A.	Sophomore	Columbus
Ricketts, Wilbur Anthony, B. A.	Sophomore	Coshocton
Robishaw, Ruth Alice	Sophomore	Cleveland
Ross, Clarence Crump, Jr., B. A.	Sophomore	Columbus
Ross, Hudson Frederick, S. S.	Junior	Columbus
Sager, Edward Lee	Sophomore	Grove City
Sanor, Daniel Galbreath, B. Sc.	Senior	Columbus
Santurello, Thomas Dominicus	Sophomore	Columbus
Schiff, Loy Curtner, B. Sc.	Junior	Columbus
Schmidt, Frank Frederick, B. Sc.	Senior	Columbus

Name	*Rank*	*Home Address*
Scholl, Marion Dow	Freshman	Bremen
Schrider, John Egnew	Freshman	Bryan
Scott, Harry Mast, B. Sc.	Senior	Columbus
Searle, George James, B. Sc.	Junior	Plymouth
Searles, Jackson	Freshman	Columbus
Secrest, Harry Edwin, B. A.	Senior	Pleasant City
Seifert, Edwin Andrew	Freshman	Wheeling, W. Va.
Shafer, Hubert Emerson	Freshman	Columbus
Shaffer, Byron Grant	Sophomore	Bryan
Shamansky, Julius, B. Sc.	Junior	Nelsonville
Shonk, Charles Francis, B. Sc.	Junior	Lancaster
Shreffler, Burdett Earl	Freshman	Fremont
Simons, Thomas Andrew	Sophomore	Columbus
Sinclair, Clara Bell	Public Health Nursing	Columbus
Skimming, Louis Homer, B. A.	Sophomore	Columbus
Sloan, Robert Sidney, B. Sc.	Senior	Columbus
Smith, Charles Chapman	Freshman	Columbus
Smith, Eva Shapley, B. Sc.	Public Health Nursing	Columbus
Smith, George Vernon, B. Sc.	Senior	Chandlersville
Smith, Walter Erwin	Freshman	Columbus
Snaith, Theresa Ora	Special	Weston, W. Va.
Snider, Clifford Bright	Junior	Columbus
Snider, James Monroe	Sophomore	Columbus
Solar, Benjamin Allen	Sophomore	Columbus
Solomonides, Costas	Junior	Flasson, Cyprus
Spaid, Jean David, B. Sc., B. A., M. A.	Junior	Columbus
Spangler, Harry William, B. A.	Freshman	Thornville
Steele, Margaret Alice	Public Health Nursing	Columbus
Steiner, James Calvin, A. B.	Sophomore	Columbus
Stelzer, Harold Leo	Sophomore	Spencerville
Stevens, Joseph Stanley, B. A.	Junior	Columbus
Stewart, Harry Boyd	Sophomore	Ashland
Stires, Frederick Henry, B. Sc.	Senior	Haydenville
Stone, Vale Derwood, B. A.	Senior	Bucyrus
Strayer, Ralph Marion	Sophomore	Columbus
Strong, Lester Lyman	Freshman	Cleveland
Tanner, John Sumter, S. S.	Sophomore	Columbus
Tarbox, Donald Stuart	Sophomore	Hilliards
Thomas, George James	Sophomore	Columbus
Thomas, Robert Larue, B. A.	Sophomore	Columbus
Thomas, William Adrian	Freshman	Salesville
Thompson, Tillman Roger, B. A.	Freshman	Columbus
Townsend, Kyle Edward	Sophomore	Lima
Van Buskirk, Lear Henry, B. Sc.	Junior	Columbus
Van Dyke, John Morrow, B. Ph.	Freshman	Hammondsville
Vogelsang, Aaron Dewey, B. Sc.	Junior	New Bremen
Warfield, Anne Pauline, B. Sc.	Senior	Somerton
Weaver, Leona	Public Health Nursing	Columbus

Name	*Rank*	*Home Address*
Weis, Clifford Robert	Senior	Dayton
Weis, William Wendel	Sophomore	Celina
Whitacre, Price Chew	Freshman	Greenville
Whitman, Willis Arthur, B. Sc.	Senior	Columbus
Wilkinson, John Fremont	Sophomore	Bellaire
Williams, George D., B. A.	Junior	Akron
Wilson, Julien Harmon, B. Sc.	Junior	Columbus
Wiltberger, Percy Barnette, B. Sc., M. Sc.	Sophomore	Columbus
Woldman, Edward, B. A.	Junior	Cleveland
Worrell, John Allison, Jr., A. B.	Freshman	Columbus
Wyly, Lillian Alice	Public Health Nursing	Westerville
Yoakem, Howard Haynes, B. A.	Senior	Columbus
Ziskind, Jacob A.	Sophomore	Columbus

COLLEGE OF PHARMACY

Name	*Course*	*Rank*	*Home Address*
Albert, Raymond Joseph	Long	Junior	Columbus
Altman, James Ray	Short	First	Cleveland
Anderson, Arlington G., S. S.			Galloway
Arensburg, George Willard, S. S.	Short	Second	Newark
Arian, Harry L.	Short	First	Cleveland
Armbrust, Donald Moore	Short	First	Columbus
Ault, Meek Gladden	Short	First	Akron
Babb, Melvin Lloyd	Short	Second	Kingston
Baker, James Frederick	Short	First	Columbus
Barnes, James D., S. S.			Youngstown
Bartchy, Raymond	Short	First	Canton
Becker, Maurice H.	Short	Second	Cleveland
Berko, Helen	Short	First	Cleveland
Bingman, Dean E.	Long	Senior	Trimble
Black, Walter Dean	Short	First	Jefferson
Block, Eugene S.	Short	First	Columbus
Bowman, Lewis	Short	First	Columbiana
Brian, Chester Jennings	Long	Freshman	Logan
Brill, Frank D.	Long	Junior	Salesville
Bryant, Clara	Short	Second	Columbus
Bulger, Walter Gaston	Short	Second	East Liverpool
Campbell, Charles Harold	Short	Second	Columbus
Carlisle, Russell James	Long	Freshman	Zanesville
Case, Charles S.	Long	Senior	Jefferson
Chamberlin, Arthur	Short	Second	West Carrollton
Chesses, Walter	Short	First	Cleveland
Christman, Nellis Glenn	Long	Sophomore	Massillon
Corbett, Dean M.	Long	Senior	Payne
Cook, Kenneth W.	Long	Freshman	Sandusky

Name	*Course*	*Rank*	*Home Address*
Cornelius, John M.	Short	Second	Dayton
Cotner, Carl Brewster	Short	First	McArthur
Cowden, Joseph Elwood	Short	First	Dayton
Creamer, David H.	Short	Second	Columbus
Crombie, Ralph Howard	Long	Junior	Conneaut
Darr, Charlotte F.	Short	Second	Girard
Davis, William Edward	Short	First	Columbus
Davy, Edward D., S. S.			Pandora
Deckelbaum, Hyman	Short	First	Cleveland
DeWitt, Chester Howard	Long	Sophomore	Millersburg
Durand, Harriet L.	Long	Senior	Columbus
Eckert, David Edward	Short	First	New Philadelphia
Emerman, Isadore	Short	First	Cleveland
Evans, Charles Dudley	Long	Freshman	Cadiz
Evans, James Orson	Short	Second	Marysville
Failer, Jay L.	Long	Senior	Salem
Feltman, George R., S. S.	Long	Senior	Ansonia
Foley, Earle Buckner	Long	Freshman	Columbus
Forsyth, Allan Richard	Long	Senior	Youngstown
Foster, Robert Stanhope	Long	Senior	Seville
Frankenberg, Crystal Dell	Long	Senior	Pataskala
Frankenberg, Violet	Long	Senior	Pataskala
Friedman, Elliott George	Short	First	Loraine
Giddings, W. Perry	Short	First	Columbus
Gladstein, Benjamin	Short	First	Cleveland
Glass, David	Long	Freshman	Cleveland
Goldberg, Abe	Short	First	Cleveland
Golub, Nathan	Short	Second	Brooklyn, N. Y.
Gormley, Lawrence S., S. S.	Long	Senior	Columbus
Gorrell, Joseph O.	Short	Second	Payne
Greene, Spotswood M.	Short	First	Bellaire
Grushon, Luther H.	Short	Second	Lewisburg
Haverman, Max William	Short	Second	New Philadelphia
Hermann, Dorothy Elizabeth	Short	Second	Newport, Ky.
Hersh, Ray E.	Short	First	Grand Rapids
Hinderstein, Robert	Short	First	Cleveland
Hopkins, David J.	Short	Second	Canton
Horwitz, Irwin	Short	First	Cleveland
Huffman, Walter Glenn	Long	Senior	Grand Rapids
Hyatt, Norman K.	Short	Second	Columbus
Imberman, Jacob W.	Short	First	Cleveland
Israel, John Barclay	Short	Second	Morristown
Jenkins, Daniel M., S. S.			New Lexington
Jenkins, William Price	Long	Junior	Dayton
Johnson, Scott W.	Short	First	Basil
Karlinsky, Abraham M.	Short	First	Cleveland
Kern, Frank J. G.	Long	Junior	Dayton
Klecker, Theodore Lawrence	Long	Senior	Newark

Name	*Course*	*Rank*	*Home Address*
Knox, Harry L.	Short	First	Columbus
Koontz, Henry Allen, S. S.	Long	Sophomore	Columbus
Landau, William S.	Long	Junior	Bellaire
Lawyer, Ruskin B.	Long	Junior	Cambridge
Lehman, Lawrence M.	Long	Freshman	Laurelville
Lehman, Merit Ray	Short	First	Payne
Lew, Suie	Long	Sophomore	Canton, China
Liebig, Lawrence F.	Long	Junior	Canton
Lindsay, Swayne Howard	Long	Sophomore	Columbus
Look, Elmer	Short	Second	Marietta
Lyons, Simon	Short	First	Cleveland
McMillan, Annette	Short	First	Pensacola, Fla.
McPhee, Hugh Fernley	Long	Freshman	Struthers
Maize, Roger Francis	Long	Freshman	Columbus
Mick, Charles J.	Long	Senior	Canton
Miller, Barbara Viola	Short	Second	Columbus
Miller, Edith Marie	Long	Senior	Columbus
Miller, Otis Joseph	Short	Second	Sandusky
Miller, Robert Edward	Long	Senior	Columbus
Mone, Henry Paul	Short	First	Columbus
Morgan, Adrian Lester	Short	First	Youngstown
Morganstern, Bernard	Short	First	Akron
Morrison, LaVerne	Long	Junior	Bluffton
Murlin, C. Homer	Short	First	Bowling Green
Myers, Paul Patrick	Short	Second	Youngstown
New, Arthur D.	Long	Senior	Hamilton
Offenburger, William H.	Long	Senior	Columbus
Phelan, William, Jr.	Short	Second	Youngstown
Poling, William McKinley, S. S.	Short	Second	Columbus
Posner, Alan	Short	First	Cleveland
Prilutzky, Joseph	Short	First	Cleveland
Reidenbach, Ernest Philip, S. S.	Short	Second	Van Wert
Remlinger, Harold D.	Short	Second	Ottoville
Rice, Raymond Clayton	Long	Sophomore	Canton
Ritchie, Alice Lucile	Short	First	Brunswick
Rodewig, Carl W.	Long	Sophomore	Bellaire
Rosen, Henry	Short	First	Cleveland
Rosen, Sam	Long	Freshman	Columbus
Rosenberry, Haden	Long	Sophomore	Sugar Creek
Russell, James Cooper	Short	First	Toronto
Schiller, Richard Hahn	Long	Junior	Petersburg
Schlosser, Silvanus Kelsey	Short	Second	Celina
Schwartz, Melville	Long	Sophomore	Cleveland
Schwartz, Nathan H.	Short	First	Cleveland
Scott, Abe Henry	Short	Second	Cleveland
Shechter, Philip J.	Short	First	Cleveland
Shoup, Oscar Augustus	Long	Freshman	Mansfield
Sieg, Thaddeus Paul	Short	First	Richwood

Name	*Course*	*Rank*	*Home Address*
Sigrist, Francis Mark	Short	First	Columbus
Simpson, Earl C.	Short	Second	Arcanum
Slager, Foreman	Long	Junior	Chillicothe
Smith, Fred Biggs	Long	Sophomore	Columbus
Smith, Robert Dewey	Short	Second	Chillicothe
Spangler, Stuart C.	Short	First	Jackson
Spira, Stella, S. S.	Short	Second	Columbus
Spira, Zella	Short	First	Columbus
Stapf, Harlow Anthony	Long	Freshman	Willard
Stiverson, Russell Elmer	Long	Sophomore	Logan
Thurston, Newman Reed, S. S.	Long	Junior	Grand Rapids
Todd, Paul Eugene	Short	Second	Columbus
Tomarkin, Joseph	Short	First	Cleveland
Tyus, Carter Culus	Long	Junior	Columbus
Ulmsneider, Carl Gustave	Long	Junior	Canton
Watson, Charles Chester	Long	Senior	Columbus
Wheeler, Florence Elizabeth	Short	Second	Niles
White, Serge S.	Short	Second	Leipsic
Whitman, Bert	Short	First	Warren
Wohlstein, Zora Anna, S. S.	Long	Junior	Columbus
Zimpfer, Raymond F.	Long	Sophomore	Columbus
Zollinger, Charles Ellsworth	Short	First	Columbus
Zwick, Harry William	Short	First	Cleveland
Zwick, Jack	Short	First	Cleveland

COLLEGE OF VETERINARY MEDICINE

Name	*Rank*	*Home Address*
Agustin, Amado, S. S.	Sophomore	Malolos, P. I.
Aidman, George	Sophomore	New York City
Ashcraft, Derwin Willoughby	Sophomore	Columbus
Assman, Elmer A.	Senior	Columbus
Babb, Francis William	Freshman	Williamsport
Barnes, LaVerne Ellsworth	Senior	Swineford, Pa.
Barrett, Clinton DeLos	Sophomore	Leesburg
Baynes, Walter Robert	Junior	Hurdle Mills, N. C.
Bennett, Leslie Herman	Sophomore	Monroe, La.
Bilden, Leonard Melvin	Junior	Northwood, N. Dak.
Bond, George W.	Senior	Columbus
Borach, Jacob L.	Senior	New York City
Brose, Cyrus Paul	Freshman	New Washington
Burke, Warden J., S. S.	Special	Pittsburgh, Pa.
Burriss, Thomas Benjamin	Freshman	Smithfield
Cariaga, Mamerto	Freshman	Lavog, P. I.
Coleman, Clarence J.	Senior	Valley City, N. Dak.
Crago, Joseph Verne	Senior	Chagrin Falls
Craver, Nevin S.	Senior	Youngstown

Name	*Rank*	*Home Address*
Davis, Howard Burtis, S. S.	Senior	Columbus
Dew, Moses Moore	Junior	Wilson, N. C.
Dorgan, James Quinn	Sophomore	Columbus
Ducey, Frederick E.	Junior	Portsmouth, Va.
Duke, Gay Hartley	Freshman	Liverpool, W. Va.
Eastman, Denton Henry	Junior	Abingdon, Ill.
Exconde, Irineo Imperial, S. S.	Junior	San Pablo, P. I.
Fajardo, Guillerimo, S. S.	Junior	Columbus
Fernlund, Eliel Dean	Sophomore	Lindstrom, Minn.
Fish, Charles Cumming, S. S.	Sophomore	Tallahassee, Fla.
Fish, James Gooderham, S. S.	Senior	Tallahassee, Fla.
Fisher, Milton Reed	Freshman	Paducah, Ky.
Fletcher, Pearl C.	Junior	Cowden, Ill.
Foster, Harrie Earl	Freshman	Norwood
Freedman, Saul	Sophomore	Salem, Mass.
Fuchs, Hugo A.	Senior	Lakewood
Goldberg, Louis	Sophomore	Philadelphia, Pa.
Graham, Stanley P., S. S.	Sophomore	Evans City, Pa.
Harkavy, Morris	Senior	New York City
Hill, Elmer Edward	Sophomore	Bement, Ill.
Hirsch, William A.	Junior	Chillicothe
Horner, Albion Tourgee	Freshman	Columbus
Jelen, George Dewey	Sophomore	Cincinnati
Jones, Paul Wilson	Junior	Dazey, N. Dak.
Karrel, Maurice George	Sophomore	Brooklyn, N. Y.
Kidd, Harry Leslie	Sophomore	Wykoff, Minn.
Kilpatrick, Maynard E.	Freshman	New Carlisle
King, Claude W.	Junior	Seven Mile
Ladd, John D.	Freshman	Bainbridge
Lane, James Aubrey	Senior	Cincinnati
Leneker, Earl Bulger, S. S.	Junior	Fort Plain, N. Y.
Lovett, Hugh McKinley	Junior	Eureka, Kan.
McClarren, Robert Lowell	Junior	Delta
McComb, James A.	Sophomore	Heyworth, Ill.
McCrillis, John J.	Sophomore	Douglass, Wyo.
McKenzie, Peter, S. S.	Senior	Fergus, N. Dak.
Manalo, Pedro	Senior	Pasig, P. I.
Manalo, Rudolph	Senior	Pasig, P. I.
Marquardt, Emmett Hugo	Sophomore	Bloomington, Ill.
Mejia, Valerio	Freshman	Pereira, Colombia, S. A.
Melgaard, Harold	Freshman	St. Paul, Minn.
Merrick, Andrew Clarence	Freshman	Columbus
Merrick, Byron Phillips	Sophomore	Columbus
Merrick, James R.	Senior	Columbus
Miller, Carroll LeRoy	Junior	Edgemont, S. Dak.
Monroe, Graham Clements	Junior	Council, N. C.
Moore, Eugene James	Senior	Winston-Salem, N. C.

Name	*Rank*	*Home Address*
Morrow, Charles David	Sophomore	Bryan
Murray, Dennis P.	Freshman	Columbus
Neiswander, Edgar M.	Sophomore	Rawson
Nichols, Theodore Earl	Senior	Heaton, N. Dak.
Nunn, Creighton R., S. S.	Junior	Lees Creek
Okuyama, Sobey	Junior	Yamagata, Japan
O'Malley, Gerald F.	Sophomore	Clinton, Mass.
Osborne, Henry Blount, S. S.	Senior	Clyde, N. C.
Osborne, Howard D.	Senior	Dazey, N. Dak.
Otto, Benjamin	Sophomore	Shandon
Owen, Roger N., S. S.	Sophomore	Parkman
Panayotoff, Nicholas Andrews	Senior	Philipopolis, Bulgaria
Pasis, Mariano	Sophomore	Magsingal, P. I.
Patchen, Ernest H.	Sophomore	Danbury, Conn.
Pieper, Fred C.	Sophomore	West Concord, Minn.
Pleuger, Carl August	Junior	Cincinnati
Poseiner, William	Senior	Mt. Healthy
Powers, Francis Howard	Junior	Enderlin, N. Dak.
Redfield, Knowlton T.	Junior	Big Island, Va.
Shapera, Solomon	Senior	New York City
Sheffield, Earle Franklin	Junior	Richland, Mich.
Sibayan, Rufino, S. S.	Sophomore	Villasis, P. I.
Smith, Alphonso	Sophomore	Lynchburg, Va.
Stamen, Harry C.	Junior	Chelsea, Mass.
Stapleton, Sydney F.	Junior	Bronwood, Ga.
Stotesbury, Reuben B.	Senior	Swan Quarter, N. C.
Thompson, Thurman Earl	Senior	Van Wert
Thoreson, Mens	Senior	Mayville, N. Dak.
Tittle, Elwood Franklin	Freshman	McComb
Theobald, Arthur R.	Freshman	Cincinnati
Trigg, Edward G.	Junior	Columbus
Twete, Leonard Roy	Junior	LaMoure, N. Dak.
Von Kaenel, Fred	Freshman	Bucyrus
Wade, Benjamin, S. S.	Junior	Brooklyn, N. Y.
Wallen, Carl Joseph, S. S.	Sophomore	New York City
Walton, Seth Thomas	Junior	Jacksonville, N. C.
Warren, Dayton M.	Freshman	Milton, Ind.
Whitcomb, Frank L.	Sophomore	Crary, N. Dak.
White, Samuel Ray	Junior	St. Marys, W. Va.
Wills, Marion Hudson	Senior	Ridgefarm, Ill.
Wiseman, Orville G.	Freshman	Vandalia
Wright, Herschel	Sophomore	Oxford
Yoshihei, Takehara	Junior	Kakegawa, Japan
Zaratan, Madrid Victoriano, S. S.	Junior	Pangasinan, P. I.

SUMMARY BY COUNTIES

1920-1921

Adams	8	Hamilton	73	Noble	19
Allen	60	Hancock	39	Ottawa	23
Ashland	23	Hardin	39	Paulding	20
Ashtabula	68	Harrison	35	Perry	38
Athens	28	Henry	18	Pickaway	52
Auglaize	52	Highland	28	Pike	15
Belmont	81	Hocking	22	Portage	35
Brown	21	Holmes	15	Preble	28
Butler	67	Huron	51	Putnam	34
Carroll	7	Jackson	24	Richland	56
Champaign	53	Jefferson	48	Ross	76
Clark	74	Knox	54	Sandusky	36
Clermont	19	Lake	47	Scioto	46
Clinton	30	Lawrence	33	Seneca	34
Columbiana	77	Licking	101	Shelby	30
Coshocton	39	Logan	49	Stark	115
Crawford	59	Lorain	80	Summit	95
Cuyahoga	474	Lucas	97	Trumbull	60
Darke	47	Madison	54	Tuscarawas	52
Defiance	28	Mahoning	97	Union	36
Delaware	60	Marion	56	Van Wert	40
Erie	48	Medina	63	Vinton	8
Fairfield	86	Meigs	18	Warren	18
Fayette	33	Mercer	27	Washington	43
Franklin	2481	Miami	66	Wayne	52
Fulton	31	Monroe	27	Williams	34
Gallia	27	Montgomery	199	Wood	50
Geauga	12	Morgan	18	Wyandot	20
Greene	27	Morrow	31		
Guernsey	50	Muskingum	75		

SUMMARY BY STATES AND COUNTRIES

1920-1921

Alabama	4
Argentine Republic	6
Arizona	1
Armenia	5
Bolivia	3
Brazil	4
British West Indies	1
California	7
Canada	3
China	24
Colorado	3
Colombia, S. A.	3
Connecticut	5
Cuba	1
Cyprus	1
District of Columbia	12
England	1
Florida	11
France	2
Georgia	4
Germany	2
Greece	1
Hawaii	2
Idaho	1
Illinois	27
India	3
Indiana	84
Iowa	6
Japan	6
Java	1
Kansas	4
Kentucky	27
Korea	4
Louisiana	4
Macedonia	1
Maryland	6
Massachusetts	12
Michigan	18
Minnesota	7
Mississippi	4
Missouri	3
Montana	1
Nebraska	1
New Jersey	9
New Mexico	2
New York	37
North Carolina	11
North Dakota	12
Ohio	6919
Oklahoma	7
Oregon	2
Pennsylvania	77
Peru	3
Philippine Islands	40
Porto Rico	3
Russia	2
South Carolina	2
South Dakota	1
Tennessee	3
Texas	5
Utah	2
Vermont	3
Virginia	16
Washington	1
West Virginia	89
Wisconsin	7
Wyoming	5

INDEX

Accountancy curriculum, 214.
Administration of the University, 84; committees, 7; officers, 6.
Admission to the University, by certificate, 152; by examination, 151; with special classification, 155; as special students of mature years, 155; as irregular students, 155; as transient students, 156; to advanced standing, 154.
Advanced standing, 154, 155.
Agricultural Chemistry and Soils, suggested outline of course, 185; department, 281; equipment, 103.
Agricultural Education, suggested outline of course, 185; department, 293.
Agricultural Engineering department, 294; equipment, 103; suggested outline of course, 186.
Agricultural Extension, 64, 197, 294.
Agriculture. See College of Agriculture.
American History department, 295.
Amusements and Receptions Committee, 81.
Anatomy department, 298.
Ancient Art. See Greek Language and Literature.
Animal Husbandry, suggested outline of course, 187; department, 302; equipment, 104.
Animal Husbandry Buildings. See Buildings.
Applied Entomology curriculum, 184.
Applied Optics, 90; requirements for admission, 175; curriculum, 286; department, 303.
Appointment Committee, 80, 137.
Archæology. See Museums.
Architectural Engineering course, 243.
Architecture course, 242; department, 304; equipment, 104.
Art, course, 233; department, 306.
Assistantships, 146.
Astronomy department, 308; equipment, 105.
Athletic Board, 81.
Bacteriology department, 309.
Banking and Finance curriculum, 215.
Bibliography department, 311.
Biological Building. See Buildings.
Board and room, 139.
Board of Trustees, 5.
Botany department, 311; equipment, 105.
Botany and Zoology Building. See Buildings.
Brown Hall. See Buildings.
Bryan Prize, 149.
Buildings.
  Animal Husbandry Group, 97.
  Archæological Museum, 102.
  Biological Building, 94.
  Botany and Zoology Building, 99.
  Brown Hall, 95.
  Cattle Barn, 98.
  Chemistry Building, 95.
  Emerson McMillin Observatory, 94.
  Gymnasium, 94.
  Hayes Hall, 93.
Home Economics Building, 99.
  Homoeopathic Hospital, 121.
  Horse Barn, 98.
  Horticulture and Forestry Building, 99.
  Judging Pavilion, 97.
  Library, 100.
  Lord Hall, 96.
  Medical Group, 102.
  Ohio Union, 101.
  Orton Hall, 93.
  Oxley Hall, 102.
  Page Hall, 94.
  Park Street Building, 102.
Physics Building, 95.
  Power House, 101.
  Robinson Laboratory, 97.
  Shops Building, 100.
  State Street Building, 102.
  Townshend Hall, 94.
  University Hall, 93.
  Veterinary Clinic, 98.
  Veterinary Laboratory, 98.
Business Training. See Economics and Sociology.
Calendar, 2; University Calendar, 3.
Cattle Barn. See Buildings.
Ceramic Engineering course, 244; department, 314; equipment, 106.
Certificates (Teachers), 227.
Chemical Engineering course, 245.
Chemistry, department, 315; equipment, 106; suggested curriculum, 203.
Chemistry Building. See Buildings.
Civil Engineering course, 246; department, 322; equipment, 107.
Clayworking and Ceramics. See Ceramic Engineering.
Clinical Diagnosis department, 326.
Clinical Facilities, 120.
College of Agriculture, 85; admission requirements, 160; courses, 178-197.
College of Arts, Philosophy and Science, 87; requirements for admission, 161; requirements for graduation, 198; rules governing elections, 202; curricula, 202-206; combination curricula, 206.
College of Commerce and Journalism, 87; requirements for admission, 162; curricula, 214-223; requirements for graduation, 212.

College of Dentistry, 87; admission requirements, 163; equipment, 123; curriculum, 224; requirements for graduation, 225.
College of Education, 87, 200; requirements for admission, 164; requirements for a degree, 228; curricula, 231-240; teachers' certificates, 227; professional subjects, 227.
College of Engineering, 88; requirements for admission, 164; courses, 241-252.
College of Homoeopathic Medicine, 88; admission requirements, 165; curriculum, 265; equipment, 120.
College of Law, 88; admission requirements, 169; course, 269; Arts-Law Course, 206; library, 134.
College of Medicine, 89; admission requirements, 170; equipment, 123; curriculum, 271.
College of Pharmacy, 89; admission requirements, 172; curriculum, 281; equipment, 116; short course, 282.
College of Veterinary Medicine, 89; admission requirements, 175; curriculum, 284; equipment, 119.
Combination Curricula, 191, 206, 214, 240, 254.
Commencement Committee, 80.
Committees of University Faculty, 80.
Commerce. See Economics and Sociology.
Comparative Literature, 327.
Courses, degree and certificate, outline. See Colleges. Departmental. See Departments of Instruction.
Dairying, suggested outline, 187; winter course, 196; equipment, 107; department, 327.
Days and Dates. See Calendar.
Deans, 8.
Degrees, 92; granted (1920-1921) 439.
Departments of Instruction, 291.
Dispensary Clinics, 328.
Doctor's Degree, 260.
Domestic Science. See Home Economics.
Dormitories for women, 140.
Drawing. See Engineering Drawing and Art.
duPont Fellowship, 147.
Economics and Sociology, department, 328; equipment, 108.
Education. See College. See also History and Philosophy of, School Administration, Principles and Practice of, and Psychology.
Electrical Engineering, course, 248; department, 336; equipment, 108.
Emerson McMillin Observatory. See Buildings.
Employment for students, 150.
Engineering. See College.
Engineering Drawing, department, 339; equipment, 109.
English department, 341.
Enrollment of students, 462, 662.
Entomology. See Zoology and Entomology.
Entrance Board, 80.
Entrance Conditions, 154.
Entrance Examinations, 151.
Equipment and Laboratories, 103-128.
Ethics. See Philosophy.
European History department, 347.
Examinations, for entrance, 151; for college credit, 157.
Expenses, 141-145.
Extension Courses in Agriculture, 197.
Eye, Ear, Nose, and Throat department, 349.
Faculty, University, 11-79.
Farm crops, suggested outline of course, 188; department, 350.
Fees, 141-145.
Fellows, 60.
Fellowships, 146.
Finance. See Economics and Sociology.
Floriculture, suggested outline, 189.
Foreign Commerce curriculum, 215.
Forestry. See Horticulture and Forestry.
Foundry. See Industrial Arts.
Fraternities Committee, 81.
Free Scholarships, 148.
French. See Romance Languages.
General Engineering curriculum, 249.
General Information, 136.
Geology department, 351; equipment, 109; museum, 130.
German department, 353.
Government, Science of. See Political Science.
Government of the University. See Administration.
Graduate Assistants, 58.
Graduate Assistantships, 146.
Graduate Council, 80.
Graduate Study, admission to, 256.
Graduate School, 85; admission, 158; degrees, 256-263; in Summer Session, 263; Lake Laboratory, 264.
Gradaution Fee, 144.
Graduation, degrees conferred, 92; requirements in College of Agriculture, 178-197; in College of Arts, Philosophy and Science, 198; in College of Commerce and Journalism, 212; in College of Dentistry, 225; in College of Education, 228; in College of Engineering, 241-252; in College of Homoeopathic Medicine, 265; in College of Law, 269; in College of Medicine, 271; in College of Pharmacy, 281; in College of Veterinary Medicine, 284; in Applied Optics, 286.
Grasselli Chemical Company Fellowship, 147.
Greek Language and Literature department, 355.
Gymnasium. See Buildings.

Gynecology and Obstetrics department, 357.
Hayes Hall. See Buildings.
Health Service—Student, 138.
Higher Degrees, 92.
History. See European History and American History; of the University, 82.
History and Philosophy of Education department, 358.
Home Economics, curriculum, 182, 235; department, 359; equipment, 110.
Home Economics Building. See Buildings.
Horse Barn. See Buildings.
Horticulture and Forestry Building. See Buildings.
Horticulture department, 361; equipment, 110.
Hygiene, 90.
Incidental Fees. See Expenses.
Industrial Arts, equipment, 110.
Industrial Education course, 236; department, 364.
Industrial Medicine, requirements for admission, 177; curriculum, 280.
Information, General, 136.
Instructors, non-resident, 78.
Instruction, Committee on, 80.
Instructional Force, 11-79.
Insurance curriculum, 216.
Internal Medicine department, 365.
Internes, 77.
Italian. See Romance Languages.
Journalism curriculum, 222; department, 366.
Judging Pavilion. See Buildings.
Laboratories, 103-128.
Laboratory Fee, 143.
Labor for self-support, 150.
Lake Laboratory, 91; non-resident instructors (1920), 79; announcements (1921), 289.
Landscape Architecture curriculum, 181.
Latin department, 367.
Law College. See Colleges; department, 370.
Libraries, 133.
Library Council, 80; library assistants, 61.
Living arrangements, 139.
Living Expenses. See Expenses.
Location of University, 82.
Logic. See Philosophy.
Manual Training. See Industrial Education.
Manufactures curriculum, 217.
Marketing curriculum, 217.
Master's Degree, 256.
Materia Medica department, 373.
Mathematics department, 374.
Mechanical Engineering course, 250, department, 377; equipment, 111.
Mechanics department, 381.
Medical Buildings. See Buildings.
Medicine and Clinical Medicine department, 382.
Metallurgical Engineering course, 251.
Metallurgy department, 383; equipment, 113.
Meteorology department, 385.
Military and Gymnasium Board, 80.
Military Science, 136; department, 385; equipment, 114.
Mine Engineering course, 252; department, 387; equipment, 115.
Mineralogy equipment, 115; department, 388.
Mining. See Mine Engineering.
Municipal Administration curriculum, 218.
Municipal Engineering. See Civil Engineering.
Museums, 129; archæological and historical, 129; botanical, 130; ceramic, 130; geological, 130; veterinary, 131; zoological, 132.
Music, courses, 390.
Non-Resident Instructors, 78.
Nurses (Homoeopathic Medicine Training School), 77.
Nurses' Training School, 266.
Observatory, Astronomical, 94; equipment, 105.
Obstetrics department, 390.
Officers of Administration, 6.
Ohio Union. See Buildings.
Operative Dentistry department, 391.
Ophthalmology and Oto-Laryngology department, 392.
Oratory. See English. See also Debating League.
Organization of University, 84.
Orton Hall. See Buildings.
Oxley Hall, 140. See Buildings.
Page Hall. See Buildings.
Palaeontology. See Geology.
Pathology department, 392.
Penalties, 142, 144.
Pharmacy. See College of Pharmacy. Department, 394; equipment, 116.
Philology. See English.
Philosophy department, 395.
Photography. See Architecture.
Physical Geography. See Geology.
Physical Education, 137; department, 398; equipment, 116.
Physics department, 400; equipment, 117; suggested curriculum, 205.
Physiology, Physiological Chemistry, and Pharmacology department, 404; equipment, 118.
Plant Pathology, suggested outline, 190.
Political Economy. See Economics and Sociology.
Political Science department, 406.
Pomology and Vegetable Gardening, suggested outline, 189.
Poultry Husbandry, suggested outline of course, 190; winter course, 197; equipment, 118; department, 408.
Power Plant, 101.

Principles and Practice of Education department, 408.
Professional Engineering degrees, 255, 259.
Professional subjects, 227.
Professors, list of. See Instructional Force.
Prosthesis department, 409.
Psychology department, 410; equipment, 118.
Publication Board, 80.
Public Health Nursing, requirements for admission, 176; curriculum, 279.
Public Health and Sanitation, 90; requirements for admission, 159, 175; curriculum, 258; department, 414.
Public Speaking, courses, 346.
Regiment. See Military Science.
Register of Students, 462.
Registration Committee, 80.
Requirements for admission. See Admission.
Reserve Officers' Training Corps, 136, 201, 213, 230, 253.
Residences on University Grounds. See Buildings.
Revoking of Credits, 156.
Rhetoric. See English.
Rhodes Scholarships, 148.
Robinson Fellowship, 146.
Romance Languages department, 418.
Room and Board, 139.
Rules Committee, 80.
Rural Economics, suggested outline of course, 190; department, 424; equipment, 118.
Schedule Committee, 80.
Schedule of examinations. See Examinations.
Scholars, 60.
Scholarships, 146.
School Administration department, 426.
Science Nursing, requirements for admission, 176; curriculum, 276, 239; courses, 415.
Self-support, 150.
Semester. See Calendar.
Shepherd's Scholarship, 148.
Shops Building. See Buildings.
Shopwork courses, 429.
Short Course. See College of Pharmacy.
Smith-Hughes Training School (instructors), 75.
Social Administration, requirements for admission, 160; curriculum, 259.
Social Service curriculum, 219.
Sociology. See Economics and Sociology.
Soils. See Agricultural Chemistry and Soils.
Sororities Committee, 81.
South Hall, 140.
Spanish. See Romance Languages.
Special Lectures, 431.
Special Student, admission as, 155.
Standing Committees, 80.
St. Hilda's Hall, 140.
Stock Judging Pavilion. See Buildings.
Student Aid, 149.
Student Health Service, 138.
Students, list of, 462.
Summary, Degrees, 461; General, 662; by Counties, 663; by States and Countries, 664.
Summer Session, Committee, 81; nonresident instructors (1920), 78; administrative board, 81; announcements (1921), 90, 287; Lake Laboratory, 91, 289; admission requirements, 177.
Surgery department, 432.
Survey of Agriculture, 433.
Survey of Education, 433.
Teachers' Certificates, 227.
Teaching Staff, 11-79.
Technical Course in Education, 238.
Thesis, 253, 257, 282.
Townshend Hall. See Buildings.
Transportation curriculum, 221.
Training School for Nurses (list of instructors) 77; 266.
Trustees. See Board of.
Uniform, deposit for, 143.
University buildings, 93; history, 82; location, 83; organization, 84; degrees, 92.
Vacations. See Calendar.
Veterinary Medicine. See College. Department, 434; equipment, 119.
Winter Courses in Agriculture, 196.
Women's Residence. See Oxley Hall.
Women Students, 139.
Work, for Students. See Self-support.
Zoology and Entomology department, 435; equipment, 119; museum, 132.

UNIVERSITY OF MICHIGAN
3 9015 06660 3120

The Ohio State University Bulletin is published thirty times during the year as follows: monthly in June, July, August, September, and October; tri-monthly in November, December, and January; weekly in February, March, April, and May.

The Catalog number is distributed without charge for official purposes. To individuals the price is 50 cents a copy.